

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND TWO HUNDRED AND EIGHTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 2, 1992

The Board of Trustees met at its regular monthly meeting on Wednesday, September 2, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

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Minutes of the last meeting were approved.

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September 2, 1992 meeting, Board of Trustees

The Chairman, Mr. Barone, called the meeting of the Board of Trustees to order on September 2, 1992, at 11:10 a.m. He requested the Secretary to call the roll.

Present: John J. Barone, Chairman, Deborah E. Casto, John W. Kessler, Milton A. Wolf, Alex Shumate, Theodore S. Celeste, Michael F. Colley, George A. Skestos, Kristen Cusack, and Hiawatha N. Francisco, Jr.

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INTRODUCTION OF NEW STUDENT TRUSTEE

Mr. Barone:

At this time, I would like to introduce Hiawatha Francisco. Mr. Francisco is our new Student Trustee, appointed recently by Governor Voinovich for a two-year term. Mr. Francisco is a graduate student here at Ohio State majoring in higher education administration. He attended Notre Dame where he lettered in football and received his undergraduate degree. He received his master's degree at the University of Akron.

Will you all join me in welcoming Mr. Francisco to this Board.

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PRESIDENT'S REPORT

President Gee:

I, too, want to add my congratulations to Hiawatha for his selection as a student trustee. Our student trustees carry a strong commitment and tradition. You are following in the footsteps of a very fine individual, David Tonnies. I might note though, that it will be a struggle for me to have a former Notre Dame alumnus as a trustee, but we will survive, I'm sure.

Inasmuch as we have not met, Ladies and Gentlemen, since early July, I want to bring you up-to-date on what has been happening during the summer months. It has not been leisurely, but in many ways, the pace of the institution does change in the summer. With a smaller enrollment and lighter teaching schedules, many faculty use the summer months to do field research, to prepare new courses, and to finish drafts of books and articles.

Among the research projects launched this summer is an important partnership between the College of Optometry and the Longaberger Company of Dresden, Ohio. We will be studying the visual skills necessary for the company's 3,000 employees to perform their duties safely and efficiently. This project will develop visual standards in the work place, guidelines that may well become industry standards for others. I was delighted that Dean Hill and I were able to accept a generous check from Dave Longaberger for this project while visiting their facility in Muskingum County.

Another research effort that received considerable attention this summer was the report of an Ohio State study of the causes of health care cost increases. Dr. Stephen Loebs, associate professor and chair of the graduate program in hospital and health services administration, directed this study that included contributions from 28 Ohio State scholars from eight different disciplines.

PRESIDENT'S REPORT (contd)

President Gee: (contd)

As you will note at summer commencement tomorrow, a great many graduate students complete their degrees in the summer months. Undergraduates must often work during the summer — many in internships and co-op jobs that not only will help finance school for the coming year, but also will contribute to their educational experience. Some used the summer to travel and study abroad.

In July I took a brief detour from a vacation to drop by Ohio State's study program in Nantes, France. Over dinner with a very bright and energetic group of Ohio State students, I learned from them how much this educational opportunity is contributing to their personal development and education.

I sent, by the way, a letter to each of our graduate and undergraduate students last month outlining for them — as I did for all of you in July — the steps being taken and choices being made in response to our more limited resources from the state. Steven Savage, a graduate student from Perrysburg, Ohio, wrote to me to say, and I quote from his letter, "The recent budget cuts do worry me and my fellow students. ... It is not an easy time, in Ohio or in America, but every effort, from financial wizardry to comforting words, helps out. Raising spirits and raising money are equally important." Of course, I appreciated Steven's note. But I am reminded that what we are about at this university is, and will always be, that of raising quality and raising standards of achievement for this university and certainly the people it serves.

I spoke to this Board at our last meeting about the serious problem of closed courses. Indeed, we now have focused on that as one of our major issues. In a time of very serious budget restraint, I reported that we set aside \$1.5 million to address this issue. Today, I want to update that report. Before I call upon Dr. Arnold to make a report, let me first compliment the Office of Academic Affairs, the department chairs, deans, and our faculty for their creative and committed efforts to reduce the number of closed courses that has, of course, become such an issue to us. We have turned the corner on this problem. We are offering more class sections this fall than last — 18,824 sections to be exact. Ladies and gentlemen, that is a lot of classroom teaching for those who would measure that.

I am happy to report that for the autumn quarter, more than 80 percent of our students got the courses they requested. And, out of more than 50,000 students, only 22 students who submitted a full schedule of four or five courses did not get registered for any classes. That is an extraordinary figure given the size of this institution.

The person who deserves a great deal of credit for coordinating our response to this issue, Associate Provost Bob Arnold, will now give you a brief overview of this.
Bob --

Dr. Robert Arnold:

Thank you. I am very pleased to come before the Board at the President's request with this report.

PRESIDENT'S REPORT (contd)

Dr. Arnold: (contd)

Of the \$1.5 million that was allocated to the closed course problem, to date we have spent \$658,000 creating new sections and courses beginning this fall. That has resulted in 6,455 new seats, which certainly has greatly alleviated the problem.

The net subsidy in fee income from that effort is estimated, at this point, to be \$3.6 million. Eighty-one percent of our students received all the courses they requested.

Now when we compare this to autumn 1991, only 77.2 percent of our students received all the courses they requested. In comparing it to two years ago, Autumn Quarter 1990, 80.2 percent of our students received all the courses. Thus, we are doing slightly better than 1990, and much better than last autumn. The downward trend over the past four years in satisfying course requests has been reversed despite the budget cuts and the financial difficulties the University has had.

Another standard we worry about in Academic Affairs, in terms of closed courses, is the number of students that are closed out of all of their courses. It is a horrifying thought to receive a statement in the mail and open it up to find out you have been closed out of everything. I worry a lot about those people. This autumn 507 students received that bad piece of mail indicating they had been closed out of all their courses. This compares to 970 students a year ago, and 575 students two years ago. Clearly, once again, we have turned the corner on this one. Of the 507 students who didn't get any courses, 358 students requested only a single course, 80 students requested two courses, 47 students requested 3 courses, and 22 students requested a full schedule of either 4 or 5 courses.

President Gee:

Bob, I don't mean to interrupt you but I want to make sure people understand that when you talk about 500 students, you are talking about the vast majority of students who have only registered for one course. Therefore, in terms of course closure, that is as if they did not get that one course. It is an important piece of that data.

Dr. Arnold:

These are part-time students who are only registering for a single course.

Ms. Casto:

Do we do anything about getting these students who are taking three or more courses, their courses? Since they are being closed out of all of them, do we try to get them at least one or two of their courses?

Dr. Arnold:

Yes, we do. We are proactive on that. The Registrar writes to them and also writes to the colleges, asking them to get in touch with advisors, and then we work closely with them to get them courses. Sometimes before they are contacted, they contact me -- they actually contact the President's Office and it ends up with me.

Ms. Cusack:

Is that better? Is this a new system?

PRESIDENT'S REPORT (contd)

Dr. Arnold:

It is a system that has developed over the last year. It is something we are attempting to do in order to help the people in this unfortunate situation.

Ms. Casto:

Has it been implemented?

Dr. Arnold:

Yes. Once again, in comparing last year to this year, there are 3,078 fewer closeouts this year. This year 11,842 requests were denied because of closed or cancelled courses. We estimate that without intervention and the spending of the money I mentioned before, over 18,000 requests would have been denied. The 11,842 this year compares to 14,920 a year ago.

This autumn we will be offering 6,516 courses. Interestingly enough, that is down 202 from a year ago. There are 18,824 sections, which is up 55. That is interesting because this means that although there are 202 less courses, there are more sections of that fewer number of courses. We think this is a result of a letter that the Provost sent to the Deans reminding them of a faculty rule that suggests there be a minimum of 12 students in a course numbered below the 300 level, and 8 students above the 300 level. We believe the colleges are responding to that letter by eliminating the teaching of courses that have very, very low enrollments.

Another measure we use, when worrying about closed courses, is the number of courses that closeout more than 75 people. I don't know why 75. Traditionally in Academic Affairs it was 75. It was 75 when I got there, and has been ever since. We also worry about smaller ones, but one measure that is consistent, that we have had data on for some time, is those courses closing out more than 75. We had 30 of those this fall and we had 45 a year ago, so we have reduced that number significantly. What we will do is target each one of those courses and begin discussions with the department chair and the dean to determine exactly why those courses are closing out people. In some cases it is inevitable that this happen because of the lack of facilities. One of the courses that typically closes out more than 75 people is a physical education course -- golf. It is not a problem in the winter, but it is in the autumn and the spring. There is not a lot we can do about that without creating another golf course -- which I don't think anybody wants to do.

Other courses though have other reasons for closing out. We are going to examine those in detail and see if we can fix those. A year from now I would like to see the list of courses that close out 75 people eliminated -- or possibly one with golf being the only course on it. That concludes my report, Mr. Chairman and Mr. President, thank you for inviting me.

President Gee:

Are there any questions for Bob?

PRESIDENT'S REPORT (contd)

President Gee: (contd)

I felt it was important for the Board to have this report today because this is a very serious issue for us. In this time of constraint, I am pleased that we have taken it very seriously. Indeed, the allocation of effort being put forth by our Provost's Office and our faculty and staff members who are working diligently to make good choices that advance our goals is something that we ought to note and applaud. I appreciate that. Thank you, very much, Bob.

Today, this Board will act on an appointment that brings a very capable and energetic new leader to Ohio State. Jerry May has accepted the position of Vice President for Development, a role that is enormously important, particularly in these times. He comes to us with outstanding experience. I make this comment with some reluctance, as he comes to Ohio State from -- as Woody used to say -- "that school up north." But as you are aware as Trustees, we worked very diligently to recruit Jerry. He is one of the major leaders in terms of development activities and fund raising in this country. He has now come to launch our efforts to move forward at an absolutely vital time for us. Jerry, we are delighted to have you here and look forward to having you and your family soon involved in Ohio State. By the way, you are wearing all the right colors!

Mr. Jerry May:

You have me trained already, Gordon.

President Gee:

Very good. We are delighted to have you here, and thank you for being here for your first official day. Mr. Chairman, that concludes my report.

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Mr. Barone:

At this time we would like to call on Jim Jones, who will give a report on the Big Ten Gender Equity Program.

Mr. Jim Jones:

Thank you, Mr. Chairman. President, Members of the Board, thank you for the opportunity. My role today, I believe, is to clarify for you what our friends in the media are trying to convince you this Conference did in the last two months. Indeed, in June, Conference faculty representatives did vote a gender equity commitment in the Big Ten Conference, subsequently followed by the Council of Presidents doing the same thing. Gender equity means that within the next five years this institution, and all the other institutions in this Conference, will get to 60:40 in terms of participants -- men to women -- in our intercollegiate program.

I need to tell you a couple of things that gender equity is not, insofar as I know what gender equity is. This has grown out of a statement in the Big Ten Statement of Principals where the value of equal participation was asserted. I don't think that there is any one of us who could disagree with that. While some suggest that genesis for the gender equity issue is contained in the Educational Amendments

Mr. Jones: (contd)

Act of 1972, called Title IX -- Gender Equity is not Title IX. We have passed a Title IX review at this institution and Title IX has some very definitive regulations, guidelines, and interpretations that we must follow. So we know exactly what that is. Congress, indeed, advised the Department of Education in the Office of Civil Rights that the regulations shall include, with respect to intercollegiate activities, reasonable provisions considering the nature of particular sports. Thus, we have been able to figure out what Title IX is and does for us. I don't think that we have a problem there.

I am sure that you are aware that we have one of the largest programs in the country. In fact, one of the top five largest programs combined in the United States. We have 18 men's sports and if you count the way the Big Ten Conference is now counting, we have 14 women's sports. The reason there is a difference in numbers -- if you have heard me speak before, I have always said 31 -- is that our rifle team is a co-ed team. The Big Ten counts that team twice, because it is a co-ed team. We intend to add the sport of soccer this school year for women. Nonetheless, presently we are at about 72:28 in terms of participation -- men to women in our program. That number has continually gone down over the years. As the skill level of our athletes, the skill level of our coaches, and the amount of money in women sports have all improved, the number of participants has declined. What it really tells you at this point, I think, is that young women are not willing to be what we call "walk-ons" on their team if they are not going to get a chance to play. Our society has not yet made it reasonable for a young woman to brag about having been on the team, like it has for a young man. As a consequence, you can see that young women have -- if they don't participate on a regular basis -- decided there are more important things in their lives, and they drop off the team.

In order to get to 60:40 in the next five years, this institution will have to make a swing if we retain the present program of 200 persons. That means we must get rid of a 100 men, add a 100 women, or any combination thereof. Gender Equity as far as we are concerned at the present moment has not yet been defined. What the presidents passed was simply a participation or an opportunity decision. In my mind there is a difference between opportunities and participants. We have not yet decided which one of those is gender equity. The NCAA has a committee which the associate commissioner of the conference, Phyllis Howlett, is chairing, and the Presidents' Commission has a committee to try and decide what gender equity is as far as participation or opportunity is concerned.

We have, I think, five ways to accomplish gender equity if, indeed, what it means is exactly 60 percent men participants and 40 percent women participants. That is: we can cap men's sports, not allow every young person who wants to participate on a team to be able to do so; we can cut men's sports; or we can add women participants. This is an interesting chore for us. Perhaps the easiest one to accommodate at this point, is to simply convince young women that it is worthwhile to be a walk-on on one of our teams. There is a discussion about offering more grant-in-aids. This institution for a long time has had maximum grant-in-aids in our women's sports. So we can't offer any more unless there is a national change in legislation. We can add women's sports, and we will be adding women's soccer after the Athletic Council meets this fall. When we offer women's soccer that will mean that we are offering every sport offered in the high schools of Ohio for young women; the ten most popular sports in the nation for young women. There isn't much left to add in order to pick up participants. True, we

Mr. Jones: (contd)

could add crew. I don't know who we could compete against that is close, but we do have a river. We do have a crew club now. We could add badminton. There are not a lot of badminton teams around, and it wouldn't give you a large number of participants. We could add skiing, and as you know there are not a lot of mountains in Ohio. So we are rather limited in terms of how much more we can grow on the women's side of the sports offered.

I guess if I would give you some advice, we believe that it is a worthwhile goal to work toward. We are concerned. We have believed for a long time in a comprehensive intercollegiate program at this University, trying to offer the maximum number of opportunities for all the student athletes. That puts us in a rather difficult position in order to try to accommodate the 60:40 percentage. I believe we can work toward it. Time will tell how close we get in the next five years.

I'd be happy to entertain any of your questions.

President Gee:

Jim, I might note that the initial proposal which came forward from the Big Ten was that the 60:40 result would be a condition of membership, as I remember. And as you know, we took the position that to take that as a condition of membership was not in the best interest of the Conference. At the same time, we indicated that our own intent as a university would be to meet the 60:40 goal. But as a condition of membership, we thought that was inappropriate and, of course, there was considerable debate surrounding that issue. Have most of the other institutions responded the way we have within the Big Ten?

Mr. Jones:

I think it is a little too early, Mr. President. Everybody is having a difficult time. If we had a smaller program, it would be much easier for us to accomplish the 60:40. So at this point in time, the fact that we have had a philosophy of offering a comprehensive program makes it much more difficult for us to get there. If it was a matter of money, then we would know what we had to do in the next five years to get there. If we only had six sports for women, we could add six more and, obviously, enlarge our program. There are not many things to add, so the only thing that we can do is subtract. Although I do believe there are some young women out there that we could encourage to be walk-ons, I must tell you that is an adjustment for our coaches as well as the student athletes.

Take softball and baseball -- comparable sports. The baseball team has no problem having 40 young men on it, the softball team has 16 young women. They are the same kind of sports, they are played with nine persons on the field, you could have similar numbers. There have not been to this point young women willing to be the 29th and 30th person on our softball team. Our softball coach has to adjust her recruiting and coaching philosophies in order to encourage those young women and to try and keep them participating. But the question is, will they be participants or will there be opportunities to participate -- there is a difference.

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Ms. Casto:

Are we trying to create demand for a sport? Are you saying to me we have afforded the opportunity for so many to participate? We are not saying that you cannot participate in this? The fact is the demand is not there for women to also be included in this percentage.

Mr. Jones:

You are exactly correct, at this point in time. We may have to decide that we are going to ask some folks to give up their opportunity to participate in order for us to reach this percentage.

Ms. Casto:

I am not sure I understand what advantage that would be for anyone right now.

Mr. Jones:

That is why I am concerned about the definition -- using the term fair and equal. It can be fair and equal for one and not for the other, so we have to get to that. I hope that will be the last straw -- that we have to deny the opportunity. I believe that is what intercollegiate athletics and, indeed, going to college is all about -- opportunities.

Mr. Skestos:

We are committing ourselves to merely participating in this program to the extent that we can. We are not saying that at the end of five years if we don't have 60:40, we are going to suddenly cut our male programs. In other words, we are going to do the best we can to raise, through walk-ons and so forth, the 60:40 level. We aren't really saying in effect -- are we -- that if everything we try fails, that suddenly we are going to cut the male participation?

Mr. Jones:

I'd have to say, Mr. Skestos, that you are probably right for now, but we may reach that point in five years. We hope that none of us in this conference will reach that point. It was not the intent of the presidents when they passed it to say we are all going to get there. One of the reasons that we took it out as a condition of membership is, how do we decide, if it is a condition of membership and only three of us meet the goal in five years, who gets to vote on who is in and who is out? So obviously that was a wise decision, among other reasons, to take that out. I believe there is room for us to make a good faith effort in the next five years. Where we'll be in five years is difficult to answer. Five years from now, there may be more than enough young women who want to participate that this will not be a problem.

Mr. Celeste:

You said that recently the numbers have been going down. So at some point we had a better ratio?

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Mr. Jones:

Oh, we had a much better ratio.

Mr. Celeste:

And what level was that -- when were we at our best ratio comparable to the 60:40 level?

Mr. Jones:

I am sorry, I can't give you those numbers. I would guess that we are down at least a third of our participants on the female side. As their skill level got better, as the grant-in-aid numbers went up, and as the coaching skills went up, fewer and fewer young women continued to participate.

President Gee:

So what you are saying is the quality of the programs went up in terms of competition, but the numbers of participation went down because it became so competitive, is that right?

Mr. Jones:

That is correct.

President Gee:

So we haven't created the culture where it is important to walk-on. Also, I would suspect that for our coaches -- women's coaches particularly -- that that is a new philosophy for them to encourage walk-ons, is that right?

Mr. Jones:

It is very definitely a new philosophy for every one of them, whether they are male or female coaches.

Ms. Cusack:

I would say, too, more than an attitude among women not to be walk-ons, it is sort of an intimidation thing. Because like you were saying the coaches got better, the programs got better, and that is the attitude that needs to change. It is sort of an intimidating atmosphere for a walk-on, not that people wouldn't want to be one.

President Gee:

What are you walking on for, Ms. Cusack?

Ms. Cusack:

I am going to be a soccer player.

President Gee:

Any further questions? Thank you, very much, Jim.

September 2, 1992 meeting, Board of Trustees

Mr. Jones:

Thank you.

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**AMENDMENTS TO THE COMMITTEE
APPOINTMENTS FOR 1992-1993**

Resolution No. 93-16

Synopsis: Amendments to the Committee Appointments of the Board of Trustees for 1992-93 are recommended.

RESOLVED, That Resolution No. 92-132, detailing the Committee Appointments of the Board of Trustees for 1992-93 be amended as follows:

Educational Affairs	John W. Kessler, Chair Theodore S. Celeste, Vice Chair Alex Shumate George A. Skestos
Investments Committee	Milton A. Wolf, Chair Theodore S. Celeste, Vice Chair John W. Kessler George A. Skestos
Standing Committee on Agricultural Affairs	Michael F. Colley, Chair Fred L. Dailey, Vice Chair, Ex Officio Alex Shumate George A. Skestos
Student Affairs	Kristen Cusack, Chair Deborah E. Casto, Vice Chair Hiawatha N. Francisco, Jr.
Fiscal Affairs	Alex Shumate, Chair Michael F. Colley, Vice Chair Deborah E. Casto
Personnel Committee	John J. Barone, Chair Deborah E. Casto, Vice Chair John W. Kessler
Inter-University Council	George A. Skestos
Research Foundation Board of Directors	Theodore S. Celeste
University Hospitals Board	Theodore S. Celeste Milton A. Wolf <u>John J. Barone</u>
The Arthur G. James Cancer Hospital and Research Institute Trustee Liaison	John W. Kessler John J. Barone

**AMENDMENTS TO THE COMMITTEE
APPOINTMENTS FOR 1992-1993 (contd)**

Ohio State University
Affiliates, Inc.

John J. Barone (term 1 year)
Deborah E. Casto (term 2 years)
John W. Kessler (term 3 years)

Ad Hoc Committee
on Planning*

Leslie H. Wexner, Chair
Deborah E. Casto, Vice Chair
Alex Shumate
Michael F. Colley

University Foundation
Ex Officio Class of Directors

John J. Barone (term 1 year)
John W. Kessler (term 2 years)
Alex Shumate (term 3 years)

University Managed Health Care
System, Inc. Board of Directors

Theodore S. Celeste

*Serves as Board of Trustee's interface with the University's Planning Committee.

Upon motion of Ms. Casto, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESEARCH FOUNDATION REPORT

Mr. Celeste:

I am pleased to report on the Grants and Contracts for the months of June and July received by The Ohio State University Research Foundation. At Tab 1 we see that the award level for fiscal year 1992 is about 17 percent above fiscal year 1991. This corresponds to a growth in the number of awards received from 1531 to 1644. Each sponsor category has shown an increase this fiscal year, except for funding from the State of Ohio.

Awards for July, the first month of fiscal year 1993, are down somewhat compared to the same period last year. This appears to be due to fluctuations in the timing of some major awards that we expect will be forthcoming.

At Tab 2 you will find expenditure summaries for fiscal year 1992 and for the month of July. It is noteworthy that expenditures in fiscal year 1992 for personnel, travel, and indirect costs have exceeded the overall increase of 7.49 percent. The growth in external funding for travel reflects the increasing international research activities of the faculty.

The growth in expenditures in July compared to last year is over 14 percent. This is consistent with the increase in awards received in FY 1992.

Some projects of special interest that were funded in the months of June and July are listed at Tab 3. I thought you might be interested that two professors of Materials Science and Engineering have a new method of producing ceramic composite materials and funding from the Navy to explore the new process.

RESEARCH FOUNDATION REPORT (contd)

Mr. Celeste: (contd)

Last week I had the pleasure of visiting the laboratory of Professor Robert Brueggemeier to learn of his work on the role of estrogens in tumor formation. I had a good visit with him and his colleagues. His studies are basic to an understanding of approximately 50 percent of human cancers associated with sex hormones.

At Tab 4 is the list of all projects funded in June. At Tab 5 is the list of all projects funded in July. At Tab 6 is a summary of the proposal, award, and expenditure activity of our academic units during fiscal year 1992. I would like Ed Hayes to make a few brief comments on this information.

Dr. Hayes:

Thank you. I particularly want to note on that first summary table under Tab 6 there has been a significant increase in the number of proposals that have been submitted by our faculty. And I think the growth here in requests is over \$100 million. It reflects the efforts of the faculty to bring in resources from the federal government and from other external sources to support their research, equipment, graduate students, and other research related activities.

As you know, the first step along the process of actually getting to spend the money is to write the proposals. And this increased activity, we believe, will pay significant dividends in terms of new awards and funding for research over the next 12 to 24 months.

The second summary page under Tab 6 is a summary for fiscal years '90, '91, and '92, in terms of award dollars. You can see from this that the new award totals in '92 are up 17 percent from '91, and 25 percent from fiscal year '90.

The third summary page is a summary of expenditures by academic units for '90, '91, and '92. The growth in expenditures from year to year is probably the best indicator of the health of our external funding picture because it is less susceptible to fluctuations in proposal deadlines and award dates.

Just a few highlights: the average increase in expenditures over the last two fiscal years has been about 17 percent, with a 7.5 percent increase coming in just the past year. There are 18 academic departments that have shown increases and nine of the academic units that have shown decreases during this past year. The details are indicated in that table.

I might mention that Academic Affairs has shown a 38 percent increase over the two-year period, due to increased funding from the National Science Foundation, the Department of Defense, and the National Institutes of Health. Much of this growth has been in the Minority Student Apprenticeship Programs, Academic Computing Services, the Ohio Supercomputing Center, International Activities, and the Mershon Center.

Agriculture has had a 39 percent increase over the two-year period due to the increased funding in the Department of Education and the State of Ohio. Much of this growth has been in Agronomy with funding from industrial sponsors.

RESEARCH FOUNDATION REPORT (contd)

Dr. Hayes: (contd)

Biological Sciences is down approximately 8 percent, due to the decline in private foundation funding. Engineering is down slightly in both the federal and non-federal categories. Health Services is up 34 percent, however, due to the renewal of funding of the Comprehensive Cancer Center. Human Ecology has shown significant growth due primarily to funding from NIH and the State of Ohio. Humanities expenditures are up; Math and Physical Sciences are up 39 percent, due primarily to increased funding from the National Science Foundation. Pharmacy is up 27 percent, due in large measure to the increased funding from industrial sources.

The Office of Research, through the Byrd and Mapping Centers, has greater than a 50 percent increase as a result of awards from NASA, NOAA, and the State of Ohio.

If members of the Board have particular questions about this information, I would be happy to answer them at a later time.

Mr. Celeste:

Thank you, very much. In the remaining two sections, Tab 7 lists examples of some of the many prestigious awards to OSU faculty during the last 2 years. Funding for these fellowships, grants, and prizes goes directly to the selected faculty member. As a result, the monthly Research Foundation reports do not include these awards.

Finally, Tab 8 includes press releases for the last 2 months issued by University Communications highlighting this recent research activity.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 93-17

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July 1992 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, The Ohio State University Development Fund, and The Ohio State University Foundation:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, The Ohio State University Development Fund, and The Ohio State University Foundation during the months of June and July 1992 be approved.

September 2, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Upon motion of Mr. Celeste, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Summary

JUNE 1992

<u>Source</u>	<u>7/1/90-6/30/91</u>	<u>7/1/91-6/30/92</u>	<u>June 1992</u>
The Ohio State University Research Foundation	\$133,943,600.43	\$157,154,561.22	\$20,282,279.02
Engineering Experiment Station	\$ 6,869,589.00	\$ 6,175,111.00	\$ 854,331.00
OSU Foundation and Development Fund	\$ 74,295,747.00	\$ 71,452,488.00	\$ 7,275,812.00
The Ohio State University Development Fund			
Establishment of Named Funds			
The Donald C. Kent, D.D.S. Cancer Research Endowment Fund (Support cancer research)			\$ 100,000.00
The Harley C. and Elizabeth K. Lee Endowment Fund (Provide general support to the Department of Materials Science and Engineering)			\$ 30,000.00
The Samuel B. McCulloch Memorial Fund (Scholarships or grants-in-aid to varsity swimmers)			\$ 27,554.18
The Alan Holoch Law Library Fund (Support Library staff in attending professional development programs)			\$ 15,907.00
The Raymond E., Jr. & Dorothy B. Daily Cancer Research Endowment Fund (Support cancer research)			\$ 15,000.00
The Delaware County 4-H Endowment Fund (Support the Delaware County 4-H Program)			\$ 15,000.00
The Edward H. Jennings Scholarship Fund (Scholarships - College of Business)			\$ 15,000.00

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

**The Donald C. Kent, D.D.S Cancer Research
Endowment fund**

The Donald C. Kent, D.D.S. Cancer Research Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dorothy A. Kent for the benefit of The Arthur G. James Cancer Hospital and Research Institute.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

The Harley C. and Elizabeth K. Lee Endowment Fund

The Harley C. and Elizabeth K. Lee Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with a gift to The Ohio State University Development Fund from the estate of Harley C. Lee (Bachelors, Mining Engineering, 1927).

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide general support to the Department of Materials Science and Engineering in the College of Engineering. Said support may include the purchase of equipment, travel to professional meetings and conferences and other expenditures necessary where funds for same are not provided by state resources. Additionally, should resources provided by this fund not be used in any year for the general purposes of the Department, then said funds may be used to provide scholarship support to students in the speciality areas comprising the Department of Materials Science and Engineering. The chairperson of the Department shall have responsibility for determining how resources provided by the fund are to be utilized in accordance with the fund's description.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the chairperson of the Department of Materials Science and Engineering and the dean of the College of Engineering in order to carry out the desire of the donor.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Samuel B. McCulloch Memorial Fund

The Samuel B. McCulloch Memorial Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the widow and friends and colleagues of the late Samuel B. McCulloch, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships or grants-in-aid to varsity swimmers at The Ohio State University. Award recipients shall be selected by the Director of Athletics in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

**The Raymond E., Jr. & Dorothy B. Daily Cancer
Research Endowment Fund**

The Raymond E., Jr. & Dorothy B. Daily Cancer Research Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Dorothy B. Daily (B.S.Ed. '26; M.S. '37) for the support of The Arthur G. James Cancer Hospital and Research Institute.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Delaware County 4-H Endowment Fund

The Delaware County 4-H Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from the Delaware County 4-H Advisory Committee and other friends of the Delaware County 4-H Program.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support the Delaware County 4-H Program. This support may include, but is not limited to, the funding of scholarships and awards for 4-H members, volunteer leaders and friends of 4-H; sponsoring seminars and programs; and purchasing materials or services that will supplement 4-H programming or increase the visibility and public support for 4-H in Delaware County. All expenditures from this fund shall be approved by the Delaware County 4-H Advisory Committee and the professional in charge of the Delaware County 4-H Program.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Ohio Cooperative Extension Service and a committee representing the local 4-H donors in order to carry out the desire of the donors.

The Alan Holoch Law Library Fund

The Alan Holoch Law Library Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from family, friends, and colleagues of the late Alan Holoch, Director of the College of Law Library, and Professor of Law.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The Director of the Law Library, after consultation with the Dean of the College of Law, shall use the fund's annual income to assist law library staff members in attending the American Association of Law Libraries' annual meeting and institute, and similar programs of professional development for Law Library staff professional development.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean and director of the Law Library in order to carry out the desire of the donors.

September 2, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Edward H. Jennings Scholarship Fund

The Edward H. Jennings Scholarship Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from friends and colleagues of Dr. Edward H. Jennings in recognition of Dr. Jennings' nine years of distinguished service as president of The Ohio State University.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarships to students within the College of Business. The selection of the award recipients shall be made by the appropriate College of Business representative or committee in consultation with the University Committee on Student Financial Aid.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donors.

Summary

JULY 1992

<u>Source</u>	<u>7/1/91-7/31/91</u>	<u>July 1992</u>
The Ohio State University Research Foundation	\$14,072,941.99	\$11,757,018.00
Engineering Experiment Station	\$ 1,146,089.00	\$ 1,199,821.00

The Ohio State University Development Fund

Establishment of Named Funds

The Reinberger Cancer Research Endowment Fund (Support cancer research)	\$ 50,000.00
The D. W. Miller, 1869-1947, Endowed Scholarship Fund (Scholarships for females - College of Medicine)	\$ 25,000.00
The Thomas and Evelyn Stephens Scholarship Fund in Special Education (Scholarship support for graduate students - College of Education)	\$ 15,000.00

September 2, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

Summary (contd)

JULY 1992 (contd)

The Ohio State University Development Fund (contd)

Change in Name of Named Fund

From: The Mildred M. Hugger Medical Research Fund
To: The Dr. Carl Claron & Mildred Monaghan Hugger Medical Research Fund

Change in Name and Description of Named Funds

From: The Daniel J. L. Firestone Photography Scholarship
To: The Daniel J. L. Firestone Photography Scholarship Fund
From: The Ohio State University College of Medicine Ophthalmologic Center
To: The William H. Havener Eye Center Fund

The Ohio State University Foundation

Approval of Description and Establishment of Funds

The James C. and Ruthe C. Yocum Research Fund (Support archival activities of the former Bureau of Business Research)	\$ 225,000.00
The Professor John C. Burnham Endowment Fund (Used for library acquisitions - Department of History)	\$ 15,000.00

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Reinberger Cancer Research Endowment Fund

The Reinberger Cancer Research Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from The Reinberger Foundation for the benefit of The Arthur G. James Cancer Hospital and Research Institute.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to support cancer research in The Arthur G. James Cancer Hospital and Research Institute as approved by the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Director of The Arthur G. James Cancer Hospital and Research Institute and the Vice President for Health Services in order to carry out the desire of the donor.

The D. W. Miller, 1869-1947, Endowed Scholarship Fund

The D. W. Miller, 1869-1947, Endowed Scholarship Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Marian Y. Rudd in memory of a person whose concern for others helped many. May those who benefit from it find reason to remember him and follow his example.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall provide scholarships for females enrolled in the College of Medicine with preference given to students from Auglaize or Allen Counties and in turn other Ohio residents. Any unused income should be returned to the principal at the end of each fiscal year. Every tenth year the entire income for that year should revert to The Miller Fund so it may grow and be kept in balance with possible inflation. The selection of the recipient shall be made by the College of Medicine in consultation with the University Committee on Student Financial Aid. In awarding scholarship funds it is preferred that they be as substantial as possible rather than distributing smaller amounts to numerous students.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use, which would provide financial aid to students, shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

**The Thomas and Evelyn Stephens Scholarship Fund
in Special Education**

The Thomas and Evelyn Stephens Scholarship Fund in Special Education was established September 2, 1992, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from Thomas and Evelyn Stephens and from their friends on the occasion of Dr. Thomas Stephens' retirement as Professor and Associate Dean of The Ohio State University College of Education. The fund is being established to recognize the Stephens' long-term commitment to the College, to students and to special needs populations.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide scholarship support for a graduate student(s) in the College of Education who plans a career working with special needs students and/or programs. Selection of the scholarship recipient(s) shall be made by the Dean of the College of Education in consultation with the University Committee on Student Financial Aid, Dr. Stephens to the extent possible, and appropriate faculty members in the College of Education.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Education in order to carry out the desire of the donors.

Change in Name and Description of Named Funds

The Daniel J. L. Firestone Photography Scholarship Fund

The Daniel J. L. Firestone Photography Scholarship was established May 7, 1976, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Daniel J. L. Firestone (B.S.Bus.Adm. '51) of Columbus, Ohio. The description was revised September 2, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be used to provide one or more scholarships for undergraduate students enrolled in photography. The selection of the recipients shall be made by the University Committee on Student Financial Aid upon the recommendation of the Chairperson of the Department of Art and the Dean of the College of the Arts.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer then responsible for the study of photography in order to carry out the desire of the donor.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name and Description of Named Funds (contd)

The William H. Havener Eye Center Fund

The Ohio State University College of Medicine Ophthalmologic Center was established October 11, 1967, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from faculty of the Department of Ophthalmology and alumni and friends of the Department, the College of Medicine and the University. The name and description were revised September 2, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

For purposes of the establishment, construction, and maintenance of a facility to be known as The William H. Havener Eye Center, a fund has been established to receive gifts, bequests, grants, etc., from interested individuals. The purpose of this fund is to provide all or a portion thereof of the cost of developing, building, equipping and maintaining the center. This center is intended to be a teaching facility for medical personnel and students at all levels, to further the effective advancement of knowledge through applied and basic research and to provide the necessary clinical facilities for the teaching and improvement of methods of eye care. Accrued interest is to be added to the principal until such time as expenditures are required to fulfill the purposes for which this fund is established. At this time, both accrued interest and principal may be used. Expenditures from this fund are to be made following normal University procedures but must be approved by a committee appointed by the Dean of the College of Medicine and consisting of the Chairperson of the Department of Ophthalmology and three ophthalmologists recommended by the Chairperson of the Department of Ophthalmology from the faculty of that Department. Appointment to the committee will be by the Dean of the College of Medicine and the committee will report to the Dean. The recommendations of this committee will be subject to the approval of the Dean of the College of Medicine.

It is the desire of the donors that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the Dean of the College of Medicine, the Chairperson of the Department of Ophthalmology, or program administrative officer in order to carry out the desire of the donors.

Change in Name of Named Fund

**The Dr. Carl Claron & Mildred Monaghan Hugger
Medical Research Fund**

The Mildred M. Hugger Medical Research Fund was established September 7, 1990, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Estate of Mildred M. Hugger, New York, New York. The name of the fund was revised September 2, 1992.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

September 2, 1992 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name of Named Fund (contd)

The Dr. Carl Claron & Mildred Monaghan Hugger
Medical Research Fund (contd)

The annual income shall be reinvested with no income or principal being distributed until December 23, 2013 (25 years after the donor's death). After such 25 years, one-half of the annual income shall be used for research projects. The other one-half of the annual income shall continue to be reinvested until the value of the fund reaches \$1,000,000. Thereafter, the entire income may be used for research projects. The income may be used for research in the field of cardiac and vascular diseases and diseases of the eye, particularly cataracts, as approved by the Dean of the College of Medicine in consultation with the chairpersons of the appropriate departments. As appropriate, the results of the research supported by this fund shall be published.

It is the desire of the donor that this fund should benefit the University in perpetuity. If the need for this fund should cease to exist or so diminish as to provide unused income, then another use shall be designated by the Board of Trustees in consultation with the appropriate college dean, department chairperson, or program administrative officer in order to carry out the desire of the donor.

THE OHIO STATE UNIVERSITY FOUNDATION

Approval of Description and Establishment of Funds

The James C. and Ruthe C. Yocum Research Fund

The James C. and Ruthe C. Yocum Research Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts designated for the support of the College of Business from the estate of Ruthe C. Yocum.

Income provided by the Foundation shall be used to support archival activities of the former Bureau of Business Research and research programs now directed by the Dean of the College of Business.

The Professor John C. Burnham Endowment Fund

The Professor John C. Burnham Endowment Fund was established September 2, 1992, by the Board of Trustees of The Ohio State University through funds received by the University from The Ohio State University Foundation, which has established an endowed fund with gifts from a friend and designated for the support of the Department of History.

Income provided by the Foundation shall be distributed to the Department of History to be used for library acquisitions of primary concern and interest to the Department of History. Expenditures from this fund shall be approved by the chairperson of the Department of History.

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HOSPITALS BOARD COMMITTEE REPORT

Mr. Celeste:

The Board's Executive Committee met on July 30. One of the highlights of that meeting was a review of the most recent available Medicare hospital mortality data covering 1988, 1989 and 1990. The data reveal that for all causes, University Hospitals has remained consistently below predicted mortality at 30 days, 90 days and 180 days, despite the fact that our patients are typically more acutely ill than the average patient. Mr. Fraley pointed out that our overall average rate increase of 3 percent and our \$250 semi-private room rate are the lowest in the metropolitan area. During the past fiscal year, University Hospitals was able to reduce receivables from 100 days to 71 days -- well below the target of 85 days set by the Hospitals Board. That was a tremendous accomplishment.

At the August 27 Administrative/Operations Committee meeting Jerry Maier presented an in-depth analysis of the Hospitals' affiliated programs including MedOhio, Skymed, Beechwood, and Sports Medicine. The Committee also reviewed the Long-Term Financial Plan developed to support the financial goals of the medical center's Strategic Plan. Those goals are to maintain 10 days in operating cash reserves; reduce average plant age; provide for bond retirement and capital improvement funds; continue to comply with bond covenants; and operate with a margin not less than .5 percent or greater than 3 percent of net patient revenues. Lastly, the Committee received an update report on planned Cannon Drive improvements and Route 315 access ramps.

The full Hospitals Board also met on August 27. The Board received committee reports and approved the Long-Term Financial Plan as recommended by the Administrative/Operations Committee. After reports from the Medical Director and Chief of Staff. The Board received financial and statistical data from both University Hospitals and the James Cancer Hospital. Mr. Fraley presented an update on the Hospitals' involvement in various community outreach programs. University Hospitals are providing services within the Near East Side community for care of geriatric patients, prevention of premature births, and care for drug-exposed infants and toddlers. Our outreach efforts also include Food Pantry donations; United Way contributions; separate programs providing summer employment for low income students and talented minority students; and 2 additional programs offering educational and training opportunities for jobless/underemployed adults and for parents receiving state financial assistance. Dr. Patricia Temple provided an overview of OSU Managed Health Care Systems, Inc. and its relationship to the Hospitals. The Board reviewed and approved the Bylaws for establishment of the Medical Center Development Council.

That concludes my report, Mr. Chairman.

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ACADEMIC AFFAIRS COMMITTEE REPORT

Mr. Kessler:

The Academic Affairs Committee received a report this morning on the implications for Ohio State of selected recommendations from the statewide Managing For the Future Task Force Report. In relation to that, Associate Provost Nancy Rudd discussed the University's mission; and Associate Provost Ed Ray discussed the regional campuses.

In addition, the Committee is recommending the following resolutions:

HONORARY DEGREES

Resolution No. 93-18

Synopsis: The Academic Affairs Committee recommended the awarding of honorary degrees to Ralph W. Cummings and Frank H. T. Rhodes.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-488 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Ralph W. Cummings
Frank H. T. Rhodes

Doctor of Education
Doctor of Education

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Kessler, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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WAIVER

Resolution No. 93-19

Synopsis: The Academic Affairs Committee recommended the approval of a waiver.

WHEREAS pursuant to the Board's acceptance of the Report of the Committee on Retirement and Insurance on February 6, 1959, and Resolution 77-92, "Principal Administrative Officials" of The Ohio State University are to be relieved of their administrative assignments at age 65; and

WHEREAS the University's current appointment of Robert M. Duncan as Vice President and General Counsel for Legal Affairs would be restricted by the age 65 exclusion; and

WHEREAS Robert M. Duncan has demonstrated outstanding service to the University in his capacity as Vice President and General Counsel and his appointment is within the purview of the affirmative action goals of The Ohio State University; and

WHEREAS the University wishes to continue the appointment of Robert M. Duncan in this administrative post beyond his sixty-fifth birthday:

NOW THEREFORE

BE IT RESOLVED, That Resolution 77-92 and the provisions of the February 6, 1959, Report of the Committee on Retirement and Insurance be waived to allow for the continued appointment of Robert M. Duncan as Vice President and General Counsel for Legal Affairs.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 93-20

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 10, 1992 meeting of the Board, including the following Appointments, Promotion, Appointment of Chairpersons and Directors, Reappointment of Chairperson and Director, Leaves of Absence Without Salary, Leave of Absence Without Salary--Continuation, Professional Improvement Leave, Professional Improvement Leaves--Change in Dates, Promotions/Tenure, Emeritus Titles, and Medical Staff Appointments and Reappointments (The Arthur G. James Cancer Hospital and Research Institute) as detailed in the University Budget be approved and the Medical Staff Appointments and Reappointments (The Ohio State University Hospitals) approved June 25, 1992, by the Hospitals Board be ratified.

Appointments

Name:	JERRY A. MAY
Titles:	Vice President/President
Office:	Development/University Foundation
Effective:	September 2, 1992
Salary:	\$130,008.00
Present Position:	Director, Principal Gifts Program, The University of Michigan
Name:	DAVID WILLIAMS II
Title:	Vice Provost
Office:	Minority Affairs
Effective:	August 1, 1992
Salary:	\$94,908.00
Present Position:	Associate Professor, College of Law
Name:	JOSE B. CRUZ, JR.
Title:	Dean
College:	Engineering
Effective:	November 1, 1992
Salary:	\$155,004.00
Present Position:	Professor, Department of Electrical and Computer Engineering, University of California at Irvine
Name:	JAMES C. GARLAND
Title:	Dean
College:	Mathematical and Physical Sciences
Effective:	July 1, 1992
Salary:	\$155,004.00
Present Position:	Acting Dean, College of Mathematical and Physical Sciences
Name:	ROBERT P. LEONE
Title:	Professor (The Berry Chair of New Technologies in Marketing)
Department:	Marketing
Effective:	January 1, 1993
Salary:	\$120,000.00
Present Position:	The Joe C. Thompson Centennial Professor of Marketing and Senior Research Fellow, IC Institute, University of Texas at Austin

PERSONNEL ACTIONS (contd)

Promotion

Name: R. REED FRALEY
Title: Associate Vice President
Office: Health Services
Effective: September 1, 1992
Salary: N/A
Present Position: Assistant Vice President for Health Services

Correction

Name: SHELDON G. SHORE
Title: Professor (Charles H. Kimberly Professorship in Chemistry)
Department: Chemistry
Corrected Term Dates: April 1, 1992 - March 31, 1996

Appointment of Chairpersons and Directors

July 1, 1992 through June 30, 1993

Wexner Center for the Arts

William B. Cook*

July 1, 1992 through June 30, 1996

Medicinal Chemistry and Pharmacognosy
(Department Correction)

Robert W. Brueggemeier

July 20, 1992 through September 30, 1993

Educational Services and Research

James V. Wigtil*

August 1, 1992 through September 30, 1993

Educational Theory and Practice

Robert J. Tierney*

September 23, 1992 through September 30, 1996

Center for Women's Studies

Sally Kitch

October 1, 1992 through September 30, 1996

Center for Medieval and Renaissance Studies
Philosophy

Eve R. Levin
Daniel M. Farrell

Reappointment of Chairperson and Director

March 15, 1992 through June 30, 1995

Cancer Hospital and Research Institute

David E. Schuller

July 1, 1992 through September 30, 1993

East Asian Languages and Literatures

Feng-Sheng Frank Hsueh*

Acting*

September 2, 1992 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

GARY J. FERLAND, Professor, Department of Astronomy, effective Autumn Quarter 1992, Winter Quarter, and Spring Quarter 1993, to do research at the Cerro Tololo Inter-American Observatory in Chile.

EDWARD D. COOPER, Assistant Professor, Department of Physics (Mansfield Campus), effective Autumn Quarter 1992, Winter Quarter and Spring Quarter 1993, to accept an appointment at the University College of the Fraser Valley in British Columbia.

Leave of Absence Without Salary--Continuation

ROBERT M. BAUM, Assistant Professor, Department of History, effective Autumn Quarter 1992, to continue as a Mellon Fellow at Bryn Mawr College.

Professional Improvement Leave

MUKESH SINGHAL, Associate Professor, Department of Computer and Information Science, effective Spring Quarter and Autumn Quarter 1993, and Winter Quarter 1994.

Professional Improvement Leaves--Change in Dates

WARREN A. DICK, Professor, Department of Agronomy, change leave from September 1, 1991, through August 31, 1992, to September 1, 1991, through June 30, 1992.

NEIL E. SMECK, Professor, Department of Agronomy, change leave from October 1, 1992, through September 30, 1993, to November 1, 1992, through September 30, 1993.

Promotions and Tenure

COLLEGE OF MEDICINE

REGULAR CLINICAL FACULTY

REAPPOINTMENT ONLY

ROSEMARY E. REISS, Obstetrics and Gynecology, effective 7/1/93

JOHN V. GAEUMAN, Internal Medicine, effective 7/1/93

Promotions and Tenure--Correction

NANCY A. ROGERS, change effective date from 10/1/92 to 8/16/92

Emeritus Titles

JOHANNA BELKIN, Department of Germanic Languages and Literatures, with the title Professor Emeritus, effective March 1, 1992.

HAROLD SHECHTER, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1992.

JOHN C. RICE, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1992.

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

EDWIN R. ZARTMAN, Obstetrics and Gynecology, with the title Assistant Professor Emeritus, effective July 1, 1992.

Medical Staff Appointments (The Arthur G. James Cancer Hospital and Research Institute)

ALLEN, CARL MICHAEL, D.D.S., Clinical Attending Staff, College of Dentistry
FARINA, RALPH ALBERT, M.D., Associate Attending Staff, Anesthesiology
GUERTIN, MICHAEL G., M.D., Associate Attending Staff, Anesthesiology
STEINHAUSER, RAYMOND P., M.D., Associate Attending Staff, Anesthesiology
WODA, RUSSELL PAUL, D.O., Associate Attending Staff, Anesthesiology
FORSTHOEFEL, KEVIN F., M.D., Associate Attending Staff, Pathology
MURRAY, KEVIN DENNIS, M.D., Associate Attending Staff, Surgery
SIMON, JAMES W., M.D., Clinical Attending Staff, Surgery

Medical Staff Reappointments (The Arthur G. James Cancer Hospital and Research Institute)

July 1, 1992 - June 30, 1993

JOHN S. MCDONALD, Associate Attending, OB/GYN
MICHAEL THOMAS STECHISON, Associate Attending, SURG/NEURO

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals)

FARINA, RALPH ALBERT, M.D., Attending Staff, Department of Anesthesiology
WODA, RUSSELL PAUL, D.O., Attending Staff, Department of Anesthesiology
HIGGASON, BRAD EUGENE, M.D., Limited Staff, Department of Anesthesiology
LANZEROTTE, MARK J., M.D., Limited Staff, Department of Anesthesiology
MERTZ, JOHN THOMAS, M.D., Limited Staff, Department of Anesthesiology
WOLFE, JAMES R., M.D., Limited Staff, Department of Anesthesiology
BADE, SHELLY, M.D., Limited Staff, Department of Emergency Medicine
GORA, ALAN GERARD, M.D., Limited Staff, Department of Emergency Medicine
HAYNES, ANN MARGARET, M.D., Limited Staff, Department of Emergency Medicine
JONES, DAVID RAY, M.D., Limited Staff, Department of Emergency Medicine
NEELY, BRUCE K., M.D., Limited Staff, Department of Emergency Medicine
REYES, DAVID, M.D., Limited Staff, Department of Emergency Medicine
SOTAK, MICHAEL PATRICK, M.D., Limited Staff, Department of Emergency Medicine
CHANG, CINDY JEE-SING, M.D., Limited Staff, Department of Family Medicine
GAMBRELL, ROBERT CLAYTON, M.D., Limited Staff, Department of Family Medicine
WANINGER, KEVIN J., M.D., Limited Staff, Department of Family Medicine
LEVINE, EDWARD JAY, M.D., Attending Staff, Department of Internal Medicine,
Division of Gastroenterology
WILMER, WILLIAM ARNOLD, M.D., Attending Staff, Department of Internal Medicine,
Division of General Medicine
ALBERT, THOMAS JOSEPH, JR., M.D., Limited Staff, Department of Obstetrics and Gynecology
DEYOUNG-OWENS, ANNA MARIE, M.D., Limited Staff, Department of Obstetrics and Gynecology
HERTA, NANCY LYNN, M.D., Limited Staff, Department of Obstetrics and Gynecology
LAGATTUTA, DAVID ANTHONY, M.D., Limited Staff, Department of Obstetrics and Gynecology
PRINTY, BRIAN JOSEPH, M.D., Limited Staff, Department of Obstetrics and Gynecology
THOMPSON, SHELLY LYNN, M.D., Limited Staff, Department of Obstetrics and Gynecology
YOUNG, JAMES EDWARD, M.D., Limited Staff, Department of Obstetrics and Gynecology
CLARKSON, MARK WILLIAM, M.D., Limited Staff, Department of Otolaryngology

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

GOLL, FREDERICK, III, M.D., Limited Staff, Department of Otolaryngology
HALLER, JEFFREY RONALD, M.D., Limited Staff, Department of Otolaryngology
WILLETT, DARRYL NEAL, M.D., Limited Staff, Department of Otolaryngology
CRUZ, JULIO C., M.D., Limited Staff, Department of Pathology
FINO, GINA M., M.D., Limited Staff, Department of Pathology
GAMMON, RICHARD ROBERT, M.D., Limited Staff, Department of Pathology
JULIUS, CARMEN JOSEPH, M.D., Limited Staff, Department of Pathology
LEE, MIN-CHEOL, M.D., M.D., Limited Staff, Department of Pathology
VITTALRAO, ANURADHA, M.B.B.S., Limited Staff - Department of Pathology
DUENO, OTTO R., M.D., Limited Staff - Department of Psychiatry, Division of General Psychiatry
HILL, BARBARA ANN, M.D., Limited Staff - Department of Psychiatry, Division of General Psychiatry
RYAN, MARTIN T., M.D., Limited Staff, Department of Psychiatry, Division of General Psychiatry
CRIBBS, RANDOLPH KYLE, M.D., Limited Staff, Department of Surgery, Division of General Surgery
CUNNINGHAM, MICHAEL FREDRICK, M.D., Limited Staff - Department of Surgery, Division of General Surgery
FOX, CANDACE, M.D., Limited Staff, Department of Surgery, Division of General Surgery
JONES, GRANT LLOYD, M.D., Limited Staff, Department of Surgery, Division of General Surgery
KALLIAFAS, STAVROS DIMITRIOS, M.D., Limited Staff, Department of Surgery, Division of General Surgery
NITAHARA, KENNETH SENJI, M.D., Limited Staff - Department of Surgery, Division of General Surgery
SCHOTTENSTEIN, MICHAEL STEPHEN, M.D., Limited Staff, Department of Surgery, Division of General Surgery
SEIFF, MICHAEL ERIC, M.D., Limited Staff, Department of Surgery, Division of General Surgery
SERRA, FERNANDO GREGORIO, M.D., Limited Staff, Department of Surgery, Division of General Surgery
STRAKA, PHILIP JOSEPH, M.D., Limited Staff, Department of Surgery, Division of General Surgery
MUHA, MICHAEL JOHN, M.D., Limited Staff, Department of Surgery, Division of Orthopaedic Surgery
POPP, JAMES EDWARD, M.D., Limited Staff, Department of Surgery, Division of Orthopaedic Surgery
RYAN, ANDREW WILSON, M.D., Limited Staff - Department of Surgery, Division of Orthopaedic Surgery
SOLMEN, JAMES DAVID, M.D., Limited Staff, Department of Surgery, Division of Orthopaedic Surgery
HOLLAND, GREG CARL, M.D., Limited Staff, Department of Surgery, Division of Plastic Surgery
GIFT, JAMES J., D.D.S., Limited Staff, Department of Dentistry, Division of Oral and Maxillofacial Surgery
LANCE, JOHN CHARLES, D.D.S., Limited Staff, Department of Dentistry, Division of Oral and Maxillofacial Surgery
MCGINNIS, MICHAEL ALFONSO, D.D.S., Limited Staff, Department of Dentistry, Division of Oral and Maxillofacial Surgery
GUERTIN, MICHAEL G., M.D., Attending Staff, Department of Anesthesiology
STEINHAUSER, RAYMOND P., M.D., Attending Staff, Department of Anesthesiology
RAFLA, EMMANUEL K., M.D., Limited Staff, Department of Anesthesiology
COOK, STEPHANIE C., D.O., Attending Staff, Department of Emergency Medicine
LASSALETТА, MARGARITA MARIA, M.D., Limited Staff, Department of Emergency Medicine
MALKOWSKI, MICHAEL JOSEPH, M.D., Limited Staff, Department of Internal Medicine, Division of Cardiology
HEARNE, DEAN WILLIAM, M.D., Limited Staff, Department of Internal Medicine, Division of Dermatology

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

PUTHUFF, DENISE LYNN, M.D., Limited Staff, Department of Internal Medicine, Division of Dermatology
PURDY, DOUGLAS JAY, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
ARCHER, THOMAS PATRICK, M.D., Limited Staff, Department of Internal Medicine, Division of General Medicine
BRECKENRIDGE, MARY BETH, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
BURKE, BRIAN VINCENT, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
CAWLEY, KELLI A., M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
CLEMENTS, JOHN CARL, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
DURDA, ELAINE ANNE, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
KANG, YOUNG WON, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
MABEE, CHRISTOPHER LOFREW, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
MURRAY, SCOTT ALAN, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
PAPP, JOHN P., M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
SCHULTZ, CHARLES EDWARD, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
SIAS, TINA MARIE, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
THAMBUSWAMY, SUBHA, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
VEGUNTA, SUNEELA, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
YOUNG, JOHN JOSEPH, M.D., Limited Staff - Department of Internal Medicine, Division of General Medicine
VACCARELLO, LUIS, M.D., Attending Staff - Department of Obstetrics and Gynecology
OEHLER, JEFFREY CURTIS, M.D., Attending Staff - Department of Ophthalmology
STAHL, BRIAN RAY, M.D., Attending Staff - Department of Ophthalmology
HOGAN, CHRISTOPHER D., M.D., Limited Staff - Department of Ophthalmology
KAGAN, ARKADY BENJAMINE, M.D., Limited Staff - Department of Ophthalmology
KIRKHAM, STEVEN MICHAEL, M.D., Limited Staff - Department of Ophthalmology
PAJKA, STANLEY F., M.D., Limited Staff - Department of Ophthalmology
FORSTHOEFEL, KEVIN F., M.D., Attending Staff - Department of Pathology
SCALAMOGNA, PHILIP ANTHONY, M.D., Limited Staff - Department of Pathology
BEEGAN, JAMES GREGORY, M.D., Limited Staff - Department of Physical Medicine & Rehabilitation
CONWAY, KATHLEEN COULTER, M.D., Limited Staff - Department of Physical Medicine & Rehabilitation
McHUGH, DANIEL JOSEPH, M.D., Limited Staff - Department of Physical Medicine & Rehabilitation
JAYANTI, KAMESHWARI, M.D., Limited Staff - Department of Psychiatry, Division of General Psychiatry
SANDAIRE, BENS JEAN GERALD, D.O., Limited Staff - Department of Psychiatry, Division of

September 2, 1992 meeting, Board of Trustees

General Psychiatry

PERSONNEL ACTIONS (contd)

Medical Staff Appointments (1992-1994) (The Ohio State University Hospitals) (contd)

BAKALAKOS, EFTHIMIOS ALEXANDROS, M.D., Limited Staff - Department of Surgery, Division of General Surgery
BREM, HAROLD, M.D., Limited Staff - Department of Surgery, Division of General Surgery
FULTON, MARK ANDREW, M.D., Limited Staff - Department of Surgery, Division of General Surgery
GEHLERT, RICK JONATHAN, M.D., Limited Staff - Division of General Surgery
ROTENBERG, DAVID DANIEL, M.D., Limited Staff - Department of Surgery, Division of Orthopaedic Surgery
SANKO, WILLIAM ANDREW, M.D., Limited Staff - Department of Surgery, Division of Orthopaedic Surgery
MURRAY, KEVIN DENNIS, M.D., Attending Staff - Department of Surgery, Division of Thoracic and Cardiovascular Surgery
RODRIGUEZ, FRANCISCO NICOLAS, M.D., Limited Staff - Department of Surgery, Division of Transplantation
SETHI, PARMINDER SINGH, M.D., Limited Staff - Department of Surgery, Division of Urology
EODCHICK, MICHELE, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry
GOLL, KRISTINE JO, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry
HOCKENBERGER, BRIAN NEIL, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry
LONG, BRIAN MICHAEL, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry
McCABE, TODD W., D.M.D., Limited Staff - Department of Dentistry, Division of General Dentistry
MERCADO, ANA M., D.M.D., Limited Staff - Department of Dentistry, Division of General Dentistry
MOLINA, LUZ DE LOURDES, D.M.D., Limited Staff - Department of Dentistry, Division of General Dentistry
MUELLER, DAVID C., D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry
SEXTON, JOSEPH PATRICK, D.D.S., Limited Staff - Department of Dentistry, Division of General Dentistry
HELMKAMP, JOHN ANDREW, D.D.S., Limited Staff - Department of Dentistry, Division of Oral and Maxillofacial Surgery

Medical Staff Appointments (1991-1993) (The Ohio State University Hospitals)

RESTUCCIO, LAURA, M.D., Courtesy Staff, Department of Family Medicine
McDONALD, CHERYL LYNN, M.D., Limited Staff, Department of Internal Medicine, Division of Infectious Diseases
CHAMBERS, LINDA ANN, M.D., Courtesy Staff, Department of Pathology

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals)

BROWN, LORA J., Limited Staff, Department of Internal Medicine--Division of General Medicine
HARTON, PAUL J., JR., Limited Staff, Department of Ophthalmology
MABEE, SCOTT W., Limited Staff, Department of Internal Medicine--Division of General Medicine
MAGORIEN, DOUGLAS M., Limited Staff, Department of Internal Medicine--Division of General Medicine
MAHER, EILEEN M., Courtesy Staff, Department of Pediatrics
MAHER, WILLIAM E., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases

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MAK, THOMAS A., Limited Staff, Department of Psychiatry--Division of General Psychiatry
MALARKEY, WILLIAM B., Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism
MALLORY, THOMAS H., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

MARSH, CLAY B., Limited Staff, Department of Internal Medicine--Division of Pulmonary Diseases
MARTIN, DANIEL J., Attending Staff, Department of Psychiatry--Division of General Psychiatry
MARTIN, DANIEL R., Attending Staff, Department of Emergency Medicine (Joint Appointment with the Department of Internal Medicine--Division of General Medicine)
MAY, ALBERT N., Courtesy Staff, Department of Pediatrics
MAZZAFERRI, ERNEST L., Attending Staff, Department of Internal Medicine--Division of Division of Endocrinology & Metabolism
MCCLEAD, RICHARD E., Attending Staff, Department of Pediatrics
MCCLUNG, HUGO J., Attending Staff, Department of Pediatrics
MCCOY, KAREN S., Attending Staff, Department of Pediatrics
MCGOVERN, JAMES J., Limited Staff, Department of Pediatrics
MCGOWAN, KATHLEEN A., Courtesy Staff, Department of Ophthalmology
MCNAMARA, BONNIE L., Limited Staff, Department of Family Medicine
MEAGHER, MICHAEL J., Courtesy Staff, Department of Surgery--Division of Neurosurgery
MECHENBIER, JAMES A., Courtesy Staff, Department of Otolaryngology
MELECA, MICHAEL J., Limited Staff, Department of Internal Medicine--Division of General Medicine
MERRYMAN, WILLIAM B., Courtesy Staff, Department of Obstetrics and Gynecology
MERVIS, LAWRENCE J., Attending Staff, Department of Surgery--Division of Neurosurgery
MESSICK, GEORGE M., Courtesy Staff, Department of Pediatrics
MESSICK, RICHARD T., Courtesy Staff, Department of Internal Medicine--Division of Rheumatology/Immunology
MILLER, CAROLE A., Courtesy Staff, Department of Surgery--Division of Neurosurgery
MILLER, RANDY R., Attending Staff, Department of Pediatrics
MIRVIS, BRUCE R., Courtesy Staff, Department of Pediatrics
MOBIN-UDDIN, SAEEDA, Attending Staff, Department of Obstetrics and Gynecology (joint with Pediatrics)
MOHLER, LESTER R., Courtesy Staff, Department of Surgery--Division of Plastic Surgery
MONTANA, BLAKE W., Limited Staff, Department of Emergency Medicine
MORGAN, DONALD A., Attending Staff, Department of Dentistry--Division of General Dentistry
MORGAN, JOHN D., Limited Staff, Department of Pediatrics
MORMOL, JOHN L., Courtesy Staff, Department of Pediatrics
MORROW, GRANT, III, Attending Staff, Department of Pediatrics
MULLER, ROGER A., Limited Staff, Department of Emergency Medicine
MURRAY, ROBERT D., Attending Staff, Department of Pediatrics
MUTABAGANI, KHALED H., Limited Staff, Department of Pediatrics
MUZUMDAR, KAMINI S., Limited Staff, Department of Pediatrics
NANKERVIS, CRAIG A., Limited Staff, Department of Pediatrics
NEAL, CLARENCE J., JR., Courtesy Staff, Department of Dentistry--Division of General Dentistry
NICOLOZAKES, ALEXANDRUS W., Limited Staff, Department of Internal Medicine--Division of General Medicine
O'DAIR, ROBERT B., Attending Staff, Department of Ophthalmology
O'DORISIO, THOMAS M., Attending Staff, Department of Internal Medicine--Division of Endocrinology & Metabolism
OEHLER, MARY C., Limited Staff, Department of Radiology--Division of Diagnostic Radiology
OFFENBURGER, GREG L., Attending Staff, Department of Dentistry--Division of Oral & Maxillofacial Surgery
O'GRADY, NAOMI P., Limited Staff, Department of Internal Medicine--Division of General Medicine

September 2, 1992 meeting, Board of Trustees

OHYE, ELIZABETH A., Limited Staff, Department of Internal Medicine--Division of General Medicine

OLMOS, PABLO R., Limited Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism

OLSON, THOMAS A., Attending Staff, Department of Pediatrics

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

O'ROUKE, DONALD E., Courtesy Staff, Department of Obstetrics and Gynecology

ORR, JANET S., Limited Staff, Department of Pediatrics

ORSINELLI, DAVID A., Attending Staff, Department of Internal Medicine--Division of Cardiology

ORTIZ, XAVIER G., Limited Staff, Department of Obstetrics and Gynecology

OSBORNE, DYAN J., Limited Staff, Department of Anesthesiology

OSEI, KWAME, Attending Staff, Department of Internal Medicine--Division of Endocrinology and Metabolism

O'SHAUGHNESSY, RICHARD W., Attending Staff, Department of Obstetrics and Gynecology

OSTRUM, ROBERT F., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery

OVERHOLT, LETICIA M., Limited Staff, Department of Emergency Medicine

PACHT, ERIC R., Attending Staff, Department of Internal Medicine--Division of Pulmonary Diseases

PAGANO, TRINA M., Limited Staff, Department of Obstetrics and Gynecology

PALTE-KNAPKE, MARY J., Limited Staff, Department of Emergency Medicine

PAPENFUSE, MICHAEL D., Limited Staff, Department of Anesthesiology

PAPPA, KARL S., Attending Staff, Department of Ophthalmology

PARICIO, TODD S., Limited Staff, Department of Anesthesiology

PARK, ROGER W., Courtesy Staff, Department of Pediatrics

PARKER, JOHN J., Limited Staff, Department of Emergency Medicine

PASSAFIUME, DAVID M., Limited Staff, Department of Anesthesiology

PASTOREK, JOHN S., Limited Staff, Department of Pediatrics

PELLEGRINI, ARTHUR E., Attending Staff, Department of Internal Medicine--Division of Dermatology (joint with Pathology)

PELLETIER, RONALD P., Limited Staff, Department of Surgery--Division of General Surgery

PETERS, MARILYNN J., Limited Staff, Department of Psychiatry--Division of General Psychiatry

PETERSON, JAMES W., Limited Staff, Department of Internal Medicine--Division of Cardiology

PETRELLA, RICHARD A., Courtesy Staff, Department of Pediatrics

PFEIL, SHERYL A., Attending Staff, Department of Internal Medicine--Division of Gastroenterology

PIEROTTI, STEPHEN E., Limited Staff, Department of Internal Medicine--Division of Orthopaedic Surgery

PINSONNEAULT, JUDY M., Limited Staff, Department of Family Medicine

PLOUFFE, JOSEPH F., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases

PLURAD, MARIA N., Limited Staff, Department of Anesthesiology

POSTLEWAITE, DAVID S., Attending Staff, Department of Surgery--Division of Plastic Surgery

POTTER, CAROL J., Attending Staff, Department of Pediatrics

POWELL, DWIGHT A., Attending Staff, Department of Pediatrics

QUALMAN, STEPHEN J., Attending Staff, Department of Pathology

RAGOSIN, ROBERT J., Attending Staff, Department of Radiology--Division of Diagnostic Radiology

RAMUNDO, MARY B., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases

RAUB, JEFFREY B., Limited Staff, Department of Pediatrics

RAUCK, AMANDA M., Attending Staff, Department of Pediatrics

REBER, KRISTINA M., Limited Staff, Department of Pediatrics

REED, H. PAUL, Limited Staff, Department of Anesthesiology

REIS, ROBERT D., Limited Staff, Department of Pediatrics

REMER, STEVEN L., Limited Staff, Department of Anesthesiology

REMMELL, DIANE R., Limited Staff, Department of Pediatrics

September 2, 1992 meeting, Board of Trustees

RICHARDS, DALE R., Limited Staff, Department of Psychiatry--Division of General Psychiatry

RICHARDS, STEPHEN R., Courtesy Staff, Department of Obstetrics and Gynecology

RIDGEWAY, JOSEPH A., Limited Staff, Department of Radiology--Division of Diagnostic Radiology

ROACH, JANE A., Courtesy Staff, Department of Pediatrics

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

ROBERTS, DAVID E., Attending Staff, Department of Internal Medicine--Division of Cardiology
ROBERTS, JOHN B., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery
ROBBINS, MALCOLM L., Courtesy Staff, Department of Pediatrics
ROBINSON, JOHN L., Attending Staff, Department of Internal Medicine--Division of Cardiology
ROBINSON, RAYMOND E., Courtesy Staff, Department of Obstetrics and Gynecology
ROBITAILLE, PATRICIA A., Limited Staff, Department of Emergency Medicine
ROHYANS, JOANN C., Courtesy Staff, Department of Pediatrics
ROMSHE, CAROLYN A., Attending Staff, Department of Pediatrics
ROSEBERRY, ROSEMARY H., Limited Staff, Department of Pediatrics
ROSENBERG, ELLEN M., Attending Staff, Department of Pediatrics
ROSENBERG, ROBERT B., Limited Staff, Department of Pediatrics
ROSIEK, BETSY K., Limited Staff, Department of Psychiatry--Division of General Psychiatry
RUBERG, ROBERT L., Attending Staff, Department of Surgery--Division of Plastic Surgery
RUBIN-REMER, DANA M., Limited Staff, Department of Pediatrics
RUFF, PAUL D., Courtesy Staff, Department of Internal Medicine--Division of Cardiology
RUEDRICH, DAVID A., Courtesy Staff, Department of Obstetrics and Gynecology
RUEGER, WILLIAM J., Courtesy Staff, Department of Pediatrics
RUMANCIK, MARK S., Limited Staff, Department of Internal Medicine--Division of Nephrology
RUSSELL, DANIEL W., Limited Staff, Department of Anesthesiology
RYU, GRACE Y., Limited Staff, Department of Pediatrics
SAUNDERS, WILLIAM H., Attending Staff, Department of Otolaryngology
SAWAYA, GEORGE A., Courtesy Staff, Department of Obstetrics and Gynecology
SAWYER, DAVID M., Limited Staff, Department of Anesthesiology
SCHAEFFER, KARL I., Courtesy Staff, Department of Obstetrics and Gynecology
SCHARF, WILLIAM R., Limited Staff, Department of Surgery--Division of General Surgery
SCHIRMER, WILLIAM J., Attending Staff, Department of Surgery--Division of General Surgery
SCHULSKI, LINDA A., Limited Staff, Department of Internal Medicine--Division of Dermatology
SCHULTHEIS, CHAD W., Limited Staff, Department of Psychiatry--Division of General Psychiatry
SCHULTZ, DANA J., Courtesy Staff, Department of Pediatrics
SCHUSTER, ANDREAS W., Limited Staff, Department of Anesthesiology
SCHUSTER, DARA P., Limited Staff, Department of Internal Medicine--Division of General Medicine
SEDMAK, PRIMROSE A., Limited Staff, Department of Internal Medicine--Division of General Medicine
SHEHATA, MAHMOUD E.S., Limited Staff, Department of Psychiatry--Division of General Psychiatry
SHEETS, EILEEN H., Courtesy Staff, Department of Pediatrics
SHEPHERD, LARRY M., Courtesy Staff, Department of Pediatrics
SHIBLEY, KIRK A., Limited Staff, Department of Obstetrics and Gynecology
SHIRAKI, CAROLYN K., Limited Staff, Department of Anesthesiology
SHULTZ, JOHN P., Courtesy Staff, Department of Pediatrics
SIEGLE, RONALD J., Attending Staff, Department of Otolaryngology
SIMON, SHELDON R., Attending Staff, Department of Surgery--Division of Orthopaedic Surgery
SINARD, DOROTHY B., Limited Staff, Department of Pediatrics
SINNATHAMBY, SUKIRTHARAN, Limited Staff, Department of Internal Medicine--Division of General Medicine
SLONE, HASEL W., Limited Staff, Department of Radiology--Division of Diagnostic Radiology
SMEAD, WILLIAM L., Attending Staff, Department of Surgery--Division of Vascular Surgery
SMITH, GARY A., Attending Staff, Department of Pediatrics
SMITH, JAMES H., Limited Staff, Department of Internal Medicine--Division of General Medicine
SOMMER, ANNEMARIE, Attending Staff, Department of Pediatrics
SOTOS, JOHN P., Courtesy Staff, Department of Pediatrics
SPECH, ROBERT W., Limited Staff, Department of Internal Medicine--Division of General Medicine

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

STAHL, DEBORAH A., Limited Staff, Department of Anesthesiology
STECHISON, MICHAEL T., Attending Staff, Department of Surgery--Division of Neurosurgery
STECHSCHULTE, ELIZABETH A., Attending Staff, Department of Internal Medicine--Division of General Medicine
STECHSCHULTE, JOHN R., Attending Staff, Department of Ophthalmology
STECHSCHULTE, MARK, Limited Staff, Department of Internal Medicine--Division of Gastroenterology
STEIN, RINA A., Limited Staff, Department of Emergency Medicine
STRAFFORD, J. CRAIG, Courtesy Staff, Department of Obstetrics and Gynecology
STROEBEL, FRANK W., Courtesy Staff, Department of Pediatrics
STUBBS, ANNE-THERESE, Limited Staff, Department of Emergency Medicine
SULLIVAN, MICHAEL J., Attending Staff, Department of Otolaryngology
SULLIVAN, MILLER J., JR., Courtesy Staff, Department of Pediatrics
SUMMERS, BRADLEY K., Limited Staff, Department of Otolaryngology
SVADJIAN, HRATCH N., Limited Staff, Department of Psychiatry--Division of General Psychiatry
SWAMY, SUDHA, Limited Staff, Department of Internal Medicine--Division of General Medicine
SZYKOWNY, LEE S., Limited Staff, Department of Psychiatry--Division of General Psychiatry
TELLER, TIMOTHY A., Limited Staff, Department of Pediatrics
THOMAS, FRED B., Attending Staff, Department of Internal Medicine--Division of Gastroenterology
THOMAS, MELVIN W., Courtesy Staff, Department of Family Medicine (Joint with Preventive Medicine)
TORRES, CARLOS A., Limited Staff, Department of Emergency Medicine
TROUT, WAYNE C., Limited Staff, Department of Obstetrics and Gynecology
TUCKER, FREDERICK C., JR., Limited Staff, Department of Internal Medicine--Division of Hematology and Oncology
TURMAN, MARTIN A., Attending Staff, Department of Pediatrics
UNVERFERTH, LOUIS J., Courtesy Staff, Department of Surgery--Division of Orthopaedic Surgery
UTRATA, PETER J., Attending Staff, Department of Ophthalmology
VAN FOSSEN, DOUGLAS B., Attending Staff, Department of Internal Medicine--Division of Cardiology
VASBINDER, DARLENE A., Limited Staff, Department of Pediatrics
VASILJEVIC, JASNA, Limited Staff, Department of Internal Medicine--Division of General Medicine
VESSELS, ROBERT C., Attending Staff, Department of Dentistry--Division of General Dentistry
VORBROKER, MICHAEL L., Limited Staff, Department of Emergency Medicine
VORYS, ANN S., Attending Staff, Department of Internal Medicine--Division of Infectious Diseases
VORYS, NICHOLS, Courtesy Staff, Department of Obstetrics and Gynecology
WAGNER, DIANA T., Limited Staff, Department of Pediatrics
WAHOFF, CHARLES G., Courtesy Staff, Department of Pediatrics
WALLEN, ELIZABETH A., Courtesy Staff, Department of Pediatrics
WALSON, PHILIP D., Attending Staff, Department of Pediatrics
WALTERS, JOHN D., Courtesy Staff, Department of Dentistry--Division of General Dentistry
WARREN, SAMUEL M., Limited Staff, Department of Anesthesiology
WEBER, PAUL A., Attending Staff, Department of Ophthalmology
WELLER, RONALD A., Attending Staff, Department of Psychiatry--Division of General Psychiatry
WESTMAN, JUDITH A., Attending Staff, Department of Pediatrics
WEWERS, MARK D., Attending Staff, Department of Internal Medicine--Division of Pulmonary Diseases
WHITAKER, ELIZABETH R., Limited Staff, Department of Pediatrics
WHITE, JENNIFER L., Courtesy Staff, Department of Pediatrics
WHITEHEAD, ROBERT D., Limited Staff, Department of Family Medicine
WILKIN, JONATHAN K., Attending Staff, Department of Internal Medicine--Division of Dermatology

September 2, 1992 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

WILLIAMS, GWYNETTE M., Courtesy Staff, Department of Pediatrics
WILLIAMS, MICHAEL J., Limited Staff, Department of Internal Medicine--Division of General Medicine
WISE, HENRY A., Attending Staff, Department of Surgery--Division of Urology
WOODARD, WILEY G., Courtesy Staff, Department of Obstetrics and Gynecology
YENDREK, RONALD J., Limited Staff, Department of Psychiatry--Division of General Psychiatry
YORK, JEFFREY P., Attending Staff, Department of Surgery--Division of Urology
ZEKAN, THOMAS J., Limited Staff, Department of Radiology--Division of Diagnostic Radiology
ZIMMERMAN, DAVID A., Limited Staff, Department of Internal Medicine--Division of General Medicine
ZIVONY, DANIEL I., Limited Staff, Department of Pediatrics
ZUKOWSKI, CHRIS M., Limited Staff, Department of Pediatrics
ZYNIEWICZ, KELLEY J., Courtesy Staff, Department of Internal Medicine--Division of Dermatology
MCDONALD, JOHN S. (joint with Obstetrics and Gynecology), Attending Staff, Department of Anesthesiology
VILLAREAL, JAMES M., Limited Staff, Department of Emergency Medicine
MEZGER, RONALD A., Attending Staff, Department of Family Medicine
PRESCOTT, DAVID H., Attending Staff, Department of Family Medicine
SCARBOROUGH, DWIGHT A., Courtesy Staff, Department of Internal Medicine - Division of Dermatology
YODER, FRANK W., Courtesy Staff, Department of Internal Medicine - Division of Dermatology
MEKHJIAN, HAGOP S., Attending Staff, Department of Internal Medicine - Division of Gastroenterology
MORTON, LUETTE M., Limited Staff, Department of Internal Medicine - Division of Gastroenterology
PINTZ, EVELYN E., Attending Staff, Department of Internal Medicine - Division of General Medicine
TALLO, DIANE, Courtesy Staff, Department of Internal Medicine - Division of General Medicine
METZ, EARL N., Attending Staff, Department of Internal Medicine - Division of Hematology/Oncology
O'BRIEN, RICHARD E., Courtesy Staff, Department of Internal Medicine - Division of Pulmonary Diseases
NEWTON, HERBERT B., Attending Staff, Department of Neurology
RAMMOHAN, KOTTIL W., Attending Staff, Department of Neurology
SAHENK, ZARIFE, Attending Staff, Department of Neurology
PAKALNIS, ANN, Courtesy Staff, Department of Neurology
PHILBROOK, BRYAN L., Limited Staff, Department of Neurology
NYESTE, LAWRENCE J., Courtesy Staff, Department of Obstetrics and Gynecology
PARASKOS, JOHN P., Courtesy Staff, Department of Obstetrics and Gynecology
RUSS, JOHN S., Courtesy Staff, Department of Obstetrics and Gynecology
SPRAGUE, MICHAEL S., Courtesy Staff, Department of Obstetrics and Gynecology
STEMPEL, LAURENCE E., Courtesy Staff, Department of Obstetrics and Gynecology
WILLIAMS, STEVEN R., Courtesy Staff, Department of Obstetrics and Gynecology
WRIGHT, FRANK C., Courtesy Staff, Department of Obstetrics and Gynecology
WURST, ANN M., Courtesy Staff, Department of Obstetrics and Gynecology
PARKER, MICHAEL S., Limited Staff, Department of Obstetrics and Gynecology
PORTMAN, DAVID J., Limited Staff, Department of Obstetrics and Gynecology
MAUGER, THOMAS F., Attending Staff, Department of Ophthalmology
MINNING, CARL A., JR., Courtesy Staff, Department of Ophthalmology
O'TOOLE, ROBERT V. (joint with Obstetrics and Gynecology), Attending Staff, Department of Pathology
MENKE, JAMES A., Attending Staff, Department of Pediatrics
NOWICKI, PHILIP T., Attending Staff, Department of Pediatrics
RUYMANN, FREDERICK B., Attending Staff, Department of Pediatrics

PERSONNEL ACTIONS (contd)

Medical Staff Reappointments (1992-1994) (The Ohio State University Hospitals) (contd)

TESKE, DOUGLAS W., Attending Staff, Department of Pediatrics
TSAO, CHANG-YONG, Attending Staff, Department of Pediatrics
RAYO, BARBARA B., Courtesy Staff, Department of Pediatrics
ROGERS, ANN M., Courtesy Staff, Department of Pediatrics
ROTHERMEL, KIM G., Courtesy Staff, Department of Pediatrics
ST. JOHN, JEAN M., Courtesy Staff, Department of Pediatrics
STEINEM, CYNTHIA A., Courtesy Staff, Department of Pediatrics
THORNE, CYNTHIA A., Courtesy Staff, Department of Pediatrics
VASQUEZ, E. SILVIA B., Courtesy Staff, Department of Pediatrics
WEHE, ROBERT A., Courtesy Staff, Department of Pediatrics
WHEASLER, RAY S., Courtesy Staff, Department of Pediatrics
WODARCYK, KATHLEEN M., Courtesy Staff, Department of Pediatrics
NOFZINGER, PATRICIA A., Limited Staff, Department of Pediatrics
PERRY, MICHAEL A., Limited Staff, Department of Pediatrics
PFAU, BRAD T., Limited Staff, Department of Pediatrics
VENESY, DEBORAH A., Attending Staff, Department of Physical Medicine & Rehabilitation
LEVINE, LARRY A., Limited Staff, Department of Physical Medicine & Rehabilitation
MCLAUGHLIN, MATTHEW M., Limited Staff, Department of Physical Medicine & Rehabilitation
MURRAY, DIANE M., Limited Staff, Department of Physical Medicine & Rehabilitation
RONAN, PATRICK G., Limited Staff, Department of Physical Medicine & Rehabilitation
ROSSI, THOMAS A., Limited Staff, Department of Physical Medicine & Rehabilitation
ROWLAND, TODD R., Limited Staff, Department of Physical Medicine & Rehabilitation
SHAMIR, DAN, Limited Staff, Department of Physical Medicine & Rehabilitation
STRAKOWSKI, JEFFREY A., Limited Staff, Department of Physical Medicine & Rehabilitation
YARAB, RONALD M., JR., Limited Staff, Department of Physical Medicine & Rehabilitation
WERNER, LISA M., Limited Staff, Department of Psychiatry - Division of Child Psychiatry
WOLFE, KIRK D., Limited Staff, Department of Psychiatry - Division of Child Psychiatry
MUELLER, CHARLES F., Attending Staff, Department of Radiology - Division of Diagnostic Radiology
MINER, MICHAEL E., Attending Staff, Department of Surgery - Division of Neurosurgery
WOODWORTH, BRUCE E., Attending Staff, Department of Surgery - Division of Urology
ULRICH, JEFFREY C., Limited Staff, Department of Surgery - Division of Urology
WARNER, STEPHEN J., Limited Staff, Department of Surgery - Division of Orthopaedic Surgery
SIMON, JAMES W., Courtesy Staff, Department of Surgery - Division of Urology
WEAVER, JOEL M. (joint with Anesthesiology), Attending Staff, College of Dentistry - Division of General Dentistry

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 93-21

Synopsis: The Academic Affairs Committee recommended the approval of six Resolutions in Memoriam.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

September 2, 1992 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Richard W. Bjornson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 16, 1992, of Richard W. Bjornson, Professor in the Department of French and Italian and the Division of Comparative Studies in the Humanities.

Richard Bjornson was born January 16, 1938, in Oak Park, Illinois. He received his early training at Proviso East High School in Maywood, Illinois, his B.A. from Lawrence College in 1959, the M.A. at Northwestern University in 1961, and in 1968 his doctorate from the Universite de Paris. Before joining the faculty of Comparative Literature at The Ohio State University in 1974, he held teaching appointments at the Universities of Maryland and Wisconsin.

Dr. Bjornson was a comparatist of wide-ranging interests and a specialist in literatures of sub-Saharan Africa, especially Cameroon. His book on the cultural history of that country, The African Quest for Freedom and Identity (Indiana, 1991) has been widely praised as a scholarly model and was awarded the Choice best academic book of the year award. His Mongo Beti and the Aesthetics of Commitment is forthcoming (Cambridge). A distinguished translator of African writers, Richard Bjornson published seven volumes of translations, including the historically significant Doguicimi by Hazoume and Tales from My Hut by Pilombe. Editor of the principal American journal of African literatures, Research in African Literatures, he was editor of several special journal issues and also of essay collections, most recently Africa and the West (with Isaac Mowoe, Greenwood, 1986). He lectured frequently in Africa and in Europe and was Visiting Professor at the University of Bayreuth. His innovative comparative study, The Picaresque Hero in European Fiction (Wisconsin, 1977), was frequently reprinted and influential in renewing the subject.

An outstanding teacher at all levels, Dr. Bjornson was also a specially revered director of dissertations and an outstanding mentor to younger scholars. He worked indefatigably on curricular development, in both Comparative Studies and French and Italian, and was instrumental in establishing in the latter a flourishing program in Francophone Literatures, which he directed. His energetic commitment to interdisciplinary studies included organization of several colloquia in the College of Humanities, on broad topics like "The Future of the University" (1990) and "Rethinking Patterns of Knowledge" (1989), and their publication, with Dr. Marilyn Waldman, in the series Papers in Comparative Studies. Dr. Bjornson was awarded a University Alumni Teaching Award in 1982.

Active in the University Senate and its committees, especially on Academic Freedom, Dr. Bjornson was also a valued participant and officer in national learned societies, including the African Literature Association and the Modern Language Association of America, in which he was a member of the Prize Committee and the Delegate Assembly. The Ohio Humanities Council, in recognition of his service to it and beyond as an exemplary humanist, has named in his honor a humanities prize to be awarded annually.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Richard P. Goldthwait

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 7, 1992, of Richard P. Goldthwait, Professor Emeritus in the Department of Geological Sciences.

RESOLUTIONS IN MEMORIAM (contd)

Richard P. Goldthwait (contd)

Professor Goldthwait was born in Hanover, New Hampshire, on June 6, 1911. He received an A.B. (1933) in Geology from Dartmouth College, and a M.S. (1937) and Ph.D. (1939) in Geology from Harvard University. From 1939 to 1943, he was an Instructor and Assistant Professor of Geology at Brown University. Dr. Goldthwait moved to Ohio in 1944 to serve in the U.S. Army Air Force as a Materials Engineer at Wright Field. He joined the faculty of The Ohio State University as Associate Professor in 1946 in the Department of Geology, and served as Professor from 1948 until his retirement in 1977. He founded and was the first Director (1960-65) of the Institute of Polar Studies. He was Chairman of the Department of Geology (1965-69) and Acting Dean of College of Mathematics and Physical Sciences (1972).

He was a member and fellow of numerous national and international scientific organizations. He was President of the Ohio Academy of Science (1958-59), a Governor of the Arctic Institute of North America (1960-66), and on the Council of International Glaciological Society (1970-73).

In his youth, he worked as a field assistant for his father, an eminent geologist at Dartmouth College, and in 1935 began his own research on glacial geology and glaciology. In 1936 he published the results of the first successful seismic sounding through glacier ice. Much of his career was devoted to understanding the glacial history of Ohio and he was one of the first to use carbon-14 dating in this task. He published more than 30 papers and reports, many co-authored with his students, on the glacial geology of Ohio. These have been of immense practical value in resource development, waste disposal, and land-use planning. Concepts and models for deglaciation and glacial morphologic features benefitted from his research on glaciers and glacial landscapes in Antarctica, Greenland, Baffin Island, Alaska, and New Zealand. He published more than 100 papers and reports and edited or authored five books. His understanding of past and present glaciers continued to grow even in retirement. As a Professor Emeritus, he continued to do field research, publish papers, edit books, organize sessions at professional meetings, and give advice to young scientists, other professionals, and students.

His many awards and honors include the Antarctic Medal from the U.S. Congress (1968), the Outstanding Quaternary Scientist Award of the Geological Society of America (1981), the first Distinguished Career Award from the Geological Society of America (1986), and the Mather Medal from the Ohio Geological Survey (1989). Mount Goldthwait in Antarctica and the Goldthwait Polar Library of the Byrd Polar Research Center are named for him.

He influenced the lives of many with courses, popular lectures (some on radio), publications, and his service to the university, the community and the state. His wisdom, foresight, high standards, and enthusiasm in research and education will not be forgotten.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

R. George Jaap

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 18, 1992, of R. George Jaap, Professor Emeritus in the Department of Poultry Science.

RESOLUTIONS IN MEMORIAM (contd)

R. George Jaap (contd)

Dr. Jaap was born on October 27, 1905, at Thedford, Ontario, Canada. He received a Bachelor of Arts degree in 1927 and a Bachelor of Science degree in Agriculture in 1929 from the University of Saskatchewan. Dr. Jaap earned his Master of Science degree in 1930 and his Ph.D. in 1933 from the University of Wisconsin. He spent one year as a Post Doctoral Researcher in Genetics at the University of Wisconsin before joining the faculty of the Oklahoma State University. He came to The Ohio State University in 1946 as Professor of Poultry Science. He retired in June 1976, after a long career of distinguished service to the poultry industry. During his career, he served as senior advisor for 16 M.S. and 22 Ph.D. students. He was author or co-author of 86 research articles pertaining to chickens, ducks, or turkeys. He taught courses in avian physiology, animal breeding, and poultry genetics.

Dr. Jaap's major contributions to the poultry industry were through research on quantitative inheritance of growth rate and egg production in chickens and utilization of breeding methods to achieve rapid gains in performance. He published meritorious research in the inheritance of various single gene traits in avian species; in psychological genetics related to hormonal response and development of endocrine glands; in breeding methods for application of inbreeding and crossbreeding to obtain superior performance; and in cytogenetics by identifying chromosomal abnormalities that alter development.

Dr. Jaap was particularly active in the Poultry Science Association and the World's Poultry Science Association. He served as Associate Editor of Poultry Science from 1939-1944 and Editor of the journal from 1944-1949. He was elected as a Fellow in the Poultry Science Association in 1959 and served as President in 1962-63. He was Editor of the World's Poultry Science Journal from 1958-1973 and from 1958-1978 served as Treasurer and Assistant Secretary for the World's Poultry Science Association.

His professional awards and honors included a Fulbright Research Scholarship in 1951, the Ralston Purina Teaching Award of the Poultry Science Association in 1970, the French Medal of Honor for Excellent Service to Agriculture in 1971, the Macdougall Award for meritorious service to the World's Poultry Science Association in 1974, election to the American Poultry Historical Society Poultry Hall of Fame in 1977, and the Distinguished Graduate in Agriculture Award by The University of Saskatchewan in 1986. In 1992 he received the Meritorious Service Award by the Ohio Poultry Association, and was selected for the International Poultry Hall of Fame.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Emanuel D. Rudolph

The Board of Trustees of The Ohio State University expresses its sorrow upon the death June 22, 1992, of Emanuel D. Rudolph, Professor Emeritus of the Department of Plant Biology.

Professor Rudolph was born September 9, 1927, New York, N.Y. He received his B.A. from New York University in 1950 and his Ph.D. from Washington University (St. Louis) in 1955.

Dr. Rudolph taught in the Department of Botany (now Plant Biology) from 1961-89 and was chairperson of that department from 1978-87. In 1989 he took early retirement and continued to teach one course a year. He served as Director of the Institute of Polar Studies (now Byrd Polar Research Center) from 1969-73, and Director of the Environmental Biology Graduate Program, 1972-78. He was also a curator in the Ohio State University Herbarium.

RESOLUTIONS IN MEMORIAM (contd)

Emanuel D. Rudolph (contd)

Dr. Rudolph did research on lichens and the history of botany, authored numerous scientific papers on those topics, edited a book on symbiosis and parasitism, wrote more than 150 book reviews in major journals, and presented more than 100 papers at scientific meetings.

Professor Rudolph was active in professional societies and other organizations. He was a Fellow of the American Association for the Advancement of Science, a Fellow of the Ohio Academy of Science, a Fellow of the Arctic Institute of North America, and a Fellow of the Linnean Society of London. He was also the recipient of several awards and honors, among them the Antarctic Medal of the United States in 1970. "Rudolph Glacier" in Victoria Land, Antarctica, was named after him by the U.S. Board of Geographical Names, and Edrudia, a genus of lichens, was named after him in 1980.

Dr. Rudolph was President-Elect of the Ohio Academy of Science; President-Elect of the Friends of the Library (Ohio State University), a group of which he was a founding member and ardent supporter; and Past President of the Friends of the Byrd Polar Research Center.

Professor Rudolph was a respected researcher, valued teacher and mentor, and generous friend to people in many areas at Ohio State and around the country. His enthusiasm for learning and scholarship, his gentle good humor and cooperative spirit, were a positive example to all who knew him.

On behalf of the University community, the Board of Trustees expresses to the family its sympathy. It was directed that his resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Kathleen Scobie

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 3, 1992, of Kathleen Scobie, Professor Emeritus in the School of Allied Medical Professions.

Kathleen Scobie was born on May 12, 1908. She received her B.S. in 1933 from The Ohio State University with a major in food and nutrition. She received her M.S. in 1945 from Simmons College and the Harvard School of Public Health in public health nutrition. Over the years she held several positions as a dietitian in area health facilities. As a health professional, Professor Scobie was active in a number of different professional associations, including the American Dietetic Association, the Ohio Dietetic Association, American Public Health Association, and Ohio Public Health Association.

From 1936 to 1946, she was employed by the University Hospitals as a therapeutic dietician and clinic nutritionist. From 1946 to 1951, she was an associate in maternal and child care at Harvard School of Public Health, and in 1951 she returned to OSU Hospitals as a nutritionist. During this time, she was also appointed an assistant professor in the College of Medicine, Department of Preventive Medicine and became, in 1965, an assistant professor in Medical Dietetics. In 1966, when this Medical Dietetics program became a division of the School of Allied Medical Professions, her appointment continued in this academic unit. Professor Scobie was promoted to the rank of associate professor in 1969, and was granted emeritus status upon her retirement in 1971.

RESOLUTIONS IN MEMORIAM (contd)

Kathleen Scobie (contd)

Professor Scobie had a long and distinguished career at The Ohio State University as both practitioner and teacher. While in the School of Allied Medical Professions, she assumed responsibilities as an advisor for all of the undergraduate students in the Medical Dietetics Division, as well as taking an active and significant role in teaching the public health and community nutrition components in the academic program. Upon the occasion of her retirement, it was noted that, as a teacher, "she has been a source of inspiration to her students and provided wise counseling for them." During her years at the University, Professor Scobie was a dedicated and resourceful academician. She had a significant impact on the growth and development of an academic program that has become nationally known for excellence in both instruction and research.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

John S. Vasko

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 29, 1992, of John S. Vasko, Professor Emeritus in the Department of Surgery, the Division of Cardiothoracic Surgery.

John S. Vasko was born on March 17, 1929, in Cleveland, Ohio. He received all of his formal higher education at The Ohio State University, a Bachelor of Arts degree in 1950, a doctorate in Dental Science cum laude in 1954, and a doctorate in Medicine cum laude in 1958. During medical school, he served concurrently as an Instructor in Operative Dentistry, Consultant in Prosthetic Dentistry, and as Instructor in Anatomy and Physiology.

Dr. Vasko received his surgical training at two of America's premier residency programs. He served an internship and assistant residency at The Johns Hopkins Hospital in Baltimore, Maryland. During an additional year as the Halsted Research Fellow, he contributed significantly to the literature in a series of basic experiments investigating coronary atherosclerosis. In 1963, he coauthored, with Drs. Frank Spencer and Henry Bahnson, an important early paper on the surgical management of abdominal aortic aneurysms. He moved on to the Vanderbilt University School of Medicine to finish his surgical training under Dr. H. William Scott.

Following his residency training, Dr. Vasko served as a Senior Attending Surgeon at The National Institutes of Health and Chief of the Laboratories of Experimental Surgery. During this exciting early era in cardiovascular surgery, he contributed important articles to the literature on a wide variety of topics ranging from cardiac pharmacology, basic cardiac physiology and myocardial preservation, to inferior vena caval obstruction.

Dr. Vasko was appointed as Associate Professor of Surgery at The Ohio State University in 1966 and was promoted to Professor in 1973. He was appointed Chief of the Division of Cardiothoracic Surgery in 1982, serving with distinction. He developed an extraordinary practice in cardiac, thoracic, and peripheral vascular surgery, training dozens of surgeons in these advanced surgical techniques. He was widely respected as a master technician and fine physician. An active teacher, he exposed hundreds of students to the wonders of modern cardiovascular surgery. He continued to contribute actively to the medical literature, amassing over one hundred articles in his curriculum vitae over the course of his career. This dynamic academic surgeon's career was tragically cut short in its prime by a cerebrovascular accident in 1984. He spent his remaining years in active therapy in the company of his loving family and many friends.

RESOLUTIONS IN MEMORIAM (contd)

John S. Vasko (contd)

Dr. Vasko maintained an active association with the National Institutes of Health throughout his professional life, serving on several of its committees, including the National Research and Demonstration Center Review Committee, the Myocardial Infarction Committee of the National Heart, Blood, and Lung Institute, and the Policy Advisory Board. He was especially active in the Central Ohio Heart Association, serving as President and a member of the Board of Trustees. He served on numerous committees of the University Hospitals and the College of Medicine, rendering outstanding service to his University. He was recognized widely for his expertise, as his election to all the major national and international societies in his fields of endeavor documents.

John S. Vasko contributed much to the energy and vitality of his University and will be missed for his knowledge, experience, expertise and ability to inspire young surgeons in their pursuit of excellence.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding of their loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Upon motion of Mr. Kessler, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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INVESTMENTS COMMITTEE REPORT

Amb. Wolf:

The Investments Committee reviewed the monthly Endowment Summary Report for the period July 17, 1992 through August 21, 1992. I'm pleased to report that the market value of the Endowment Fund on August 21, 1992 was \$407.3 million, which was approximately \$2.4 million above the July 17, 1992 market value. The market value of the equity portion of the Endowment Fund increased \$300,000.00, while the fixed income portion increased \$2.7 million during this reporting period. Net new additions to the Endowment Fund for August totalled \$701,000.00, and we set aside an additional \$500,000 for income reserves for our 1,895 named endowment funds. That was the one month report. We always give a report starting with the beginning of the fiscal year, so this starts July 1, 1992, approximately 2 1/2 weeks before the previous figures were implemented.

Since July 1, 1992, the beginning of the new fiscal year, the Endowment Fund has increased over \$5 million. The net change in market value has accounted for an increase of \$5.8 million, and net new additions were \$706,000. The distribution of current asset allocation for the Endowment is 56 percent invested in equities, 28 percent in fixed income, 9 percent in real estate, and 7 percent in cash or cash equivalents.

INVESTMENTS COMMITTEE REPORT (contd)

Amb. Wolf: (contd)

The Investments Committee also heard the quarterly report on the total cash and investments position for the University. It was reported that the total of cash and investments for all accounts as of June 30, 1992, at the close of the last fiscal year, was \$727.3 million. This was a decrease of \$3.6 million from the quarter ended March 31, 1992. The primary reason for the decrease came from a \$6.3 million net decrease in the University's debt service and debt construction funds resulting from certain bonded projects which were completed. Total cash and investments for the fiscal year increased \$67.6 million, primarily due to an increase of \$50.7 million in the University Endowment Fund.

And finally, we also heard the Quarterly Endowment Fund Report for June 30, 1992. It was indicated that the Endowment Fund had a total rate of return of 11.7 percent for the 1992 fiscal year. The Endowment distributed income of \$18.6 million to its 1,895 named endowment funds in fiscal year 1992 and we anticipate that we will distribute more than \$20.5 million to those same endowment funds during fiscal year 1993.

This concludes this very exciting report.

Mr. Barone:

Ambassador Wolf, do you have a ball-park figure on what the student investments has earned up to this time? Approximately?

Amb. Wolf:

I have a figure for the past 12 months, which was \$14.5 million as income in dividends, not counting capital appreciation.

Mr. Barone:

But you don't have the income?

Amb. Wolf:

Well, the income, the dividends, and interest is about \$14.5 million. And because we distribute around \$20 million to these named endowment funds, because we don't separate the appreciation of the corpus, we just take 5.5 percent. So the \$14.5 million of dividends and income, plus \$5.5 million we take from capital, is about \$20 million that we distribute to the named endowment funds. The market value of the portfolio went up over \$25 million in that period of time. So you might say we had a market value increase of about \$25 million, and dividends and income of \$15 million. So we had a total appreciation in income of \$40 million.

Mr. Barone:

From those records, I understand that the students have a better record to date than our professionals. That was what I was trying to bring out. Is that correct?

INVESTMENTS COMMITTEE REPORT (contd)

Amb. Wolf:

Yes. I can tell you exactly those relative reports, although one snap shot does not a movie picture make -- you might say. Because this last month the student investments portfolio had a little bit of a set back. But for the estimated 12-months return, the University students earned a total return, which includes appreciation in market value and income of dividends, of about 16.6 percent. This was almost 50 percent higher than that of our next highest portfolio manager which was about 12 percent. That was for the 12-month ending August 21.

Mr. Barone:

So our Ohio State students are still doing better than our professionals.

Amb. Wolf:

True.

Mr. Barone:

Thank you, Ambassador Wolf. I am very proud of that.

Amb. Wolf:

Well, we all are, Mr. Chairman.

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FISCAL AFFAIRS COMMITTEE

Mr. Shumate:

We will begin our Committee meeting this morning with a report from Vice President Shkurti on the budget -- updating the members of the Board of Trustees.

Mr. Shkurti:

Thank you, Mr. Chairman. A number of things have happened since the budget was originally passed by the Board in July, and let me briefly touch on a couple of the most significant things. As you may recall, the budget assumed a 7 percent increase in tuition, but provided the University with the authority to raise tuition to up to 9.5 percent if tuition caps were raised by the state. The state did in fact raise the tuition caps to 9 percent, and the University followed with an increase of tuition to 9 percent. We regret that we had to do that to our students, but in order to protect the academic core we felt it was necessary. You may remember we took \$23 million in cuts in the July budget, we deferred another \$10 million to come up with a plan for January, and because the tuition increase will yield us about \$2.5 million, that means that we still have to come up with \$7.5 million in reductions or additional income between now and January. That will be difficult, but it will not be as difficult as coming up with \$10 million. So I think our financial problem is eased a little bit as a result of that move.

FISCAL AFFAIRS COMMITTEE (contd)

Mr. Shkurti: (contd)

Secondly, you may recall, the budget that was passed by the Board in July implied a policy that the only pay raises that would be given to University employees are those that were required, and discretionary pay raises would not be provided. That is correct. That was followed through in the implementation of the budget. But because pay raises are such an important matter, I wanted to be absolutely clear with the Board and with the University as to what that meant. As we saw it, there were two categories of employees for whom pay raises are mandatory and they were given pay raises as a result of the budget that was passed in July. The first category are those employees who are under some collective bargaining contract, and many of them received raises of 4 percent effective July 1. The second category of employees are classified employees who are not members of a union and therefore are not covered by collective bargaining contracts. Under Board policy, in terms of the class plan that was adopted several years ago, these classified employees are guaranteed an increase of 1.5 percent in their pay each July 1. That increase was also funded and provided.

In addition, we do not classify faculty promotions as pay raises. Those are promotions that occur on merit for faculty members that come up for promotion in their cycle. As I mentioned at the Board meeting two months ago, those were funded as well. So I hope this clarifies exactly what the University policy is and what was included in the budget in terms of pay raises for University employees. And again, the statement that was made at the Board meeting two months ago -- that most University employees and faculty would not receive a pay raise -- is in fact correct.

The third item deals with an item that we identified in the budget as our first priority -- and that was the \$1.5 million for course closings. Dr. Arnold has already reported on that. We feel that we have had some success in beginning to turn around the increasing number of course closings. We will keep you informed throughout fall and the rest of the year as to our progress on that.

Mr. Chairman, that concludes my report. I will be glad to answer any questions you or the Committee may have.

Mr. Shumate:

Thank you, Mr. Shkurti, are there any questions from the members of the Board?

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**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS
APRIL - JUNE 1992**

Resolution No. 93-22

Synopsis: Acceptance of the quarterly report on waivers of competitive bidding requirements is proposed.

**WAIVERS OF COMPETITIVE BIDDING REQUIREMENTS
APRIL - JUNE 1992 (contd)**

WHEREAS the Purchasing Policy of The Ohio State University, adopted by the Board of Trustees on September 7, 1984, and revised on February 7, 1992, provides that the President and/or the Vice President for Business and Administration may grant a waiver from competitive bidding in the event of an emergency, when a sufficient economic reason exists, or when the goods or services can be purchased from only a single source, with a report on such waivers to be made quarterly to this Board; and

WHEREAS the Vice President for Business and Administration has submitted a report on waivers of competitive bidding requirements granted for the period of April-June 1992:

NOW THEREFORE

BE IT RESOLVED, That the report on waivers of competitive bidding requirements for the period of April-June 1992, is hereby accepted.

Upon motion of Mr. Shumate, seconded by Ms. Casto, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix IV for background material, page 183.)

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Ms. Pichette:

This resolution on the Cannon Drive Improvements Project will allow the University to move forward with the needed road improvements in the south part of our Columbus campus. There is background information and a map included in your materials.

Specifically, we are asking for authorization to proceed with the Cannon Road project and to complete the design work for two ramps connecting with St. Rt. 315. These ramps projects will be constructed by the state, but the University is funding the design work. Finally, the resolution will dedicate the improved portion of Cannon Drive to public access to meet a requirement of the state for its funding of the ramp projects.

I would note that it is not shown on the map, but the Cannon Drive project also includes the widening of four lanes of the Herrick Drive and the connection of the portion of the Olentangy River Road. I would be happy to answer any questions.

Mr. Kessler:

I understand we are financing the funds for the design, do we get that back or is that an expense for us?

Ms. Pichette:

Basically, most of that was out of House Bill 552, \$750,000, which was done in previous years. There is a second ramp and we are funding another \$150,000 internally, through Physical Facilities, because we feel this is very important.

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Mr. Scott:

That we will probably not get back.

Ms. Pichette:

We would not.

**CANNON DRIVE IMPROVEMENTS PROJECT,
STATE ROUTE 315 EXIT AND ENTRANCE RAMP PROJECTS, AND
DEDICATION OF A PORTION OF CANNON DRIVE TO PUBLIC ACCESS**

Resolution No. 93-23

Synopsis: Reauthorization to request construction bids for the revised Cannon Drive Improvements project, authorization to expend funds for design services for the State Route 315 entrance ramp project, and dedication of a portion of Cannon Drive to access by the public are proposed.

WHEREAS to improve public access to and egress from The Ohio State University's Health Sciences Center, the University initiated planning with the City of Columbus and the Ohio Department of Transportation for a northbound exit ramp from the State Route 315 to Cannon Drive at Ninth Avenue and a southbound entrance ramp to State Route 315 from Cannon Drive at 12th Avenue; and

WHEREAS the Ohio Department of Transportation has approved these two ramp projects for State funding, subject to ensuring public access to Cannon Drive, with the University responsible for funding the design of both ramp projects and making needed improvements to Cannon Drive from King Avenue through the intersection of Herrick Drive; and

WHEREAS in July 1981 the Board of Trustees authorized the employment of Eriksson Engineering Limited to provide architectural/engineering design services for the State Route 315 exit ramp project and the Cannon Drive Improvements project from King Avenue to Herrick Drive, with funding of \$750,000.00 provided from House Bill 552 (1980); and

WHEREAS the approval of the State Route 315 entrance ramp project will require approximately \$150,000.00 in additional funds for design services, to be funded from the Department of Physical Facilities; and

WHEREAS in May 1991 the Board of Trustees authorized the request for construction bids for the Cannon Drive Improvements project, including the widening and straightening of the road to four lanes between King Avenue and Woody Hayes Drive, at a total project cost of \$5,300,000 with funds to be provided from the University bond proceeds; and

WHEREAS with recent funding restrictions there is a need to limit the Cannon Drive Improvements project to only the work required in connection with the two State Route 315 ramp projects, for a total estimated project cost (excluding design) of \$3,470,000.00 and a total estimated construction cost of \$3,296,000.00, with funds to be provided from the University bond proceeds:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized to request construction bids on the revised Cannon Drive Improvements project in accordance with established University procedures, and if satisfactory bids are received, to award contracts, with all actions to be reported to this Board at the appropriate time; and

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**CANNON DRIVE IMPROVEMENTS PROJECT,
STATE ROUTE 315 EXIT AND ENTRANCE RAMP PROJECTS, AND
DEDICATION OF A PORTION OF CANNON DRIVE TO PUBLIC ACCESS (contd)**

BE IT FURTHER RESOLVED, That the President and/or Vice President for Business and Administration be authorized to expend the additional funds necessary (approximately \$150,000.00) to complete the design work for the State Route 315 entrance ramp, with funds to be provided from the Department of Physical Facilities; and

BE IT FURTHER RESOLVED, That the Board of Trustees hereby dedicates Cannon Drive being a road owned by The Ohio State University, an instrumentality of the State of Ohio, from the intersection of King Avenue through the intersection of Herrick Drive, as a roadway accessible to the public, with such dedication involving no transfer or relinquishment of the University's jurisdiction or rights with respect to the roadway.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix V for map, page 185.)

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 93-24

MCCRACKEN POWER PLANT - REPLACEMENT OF STEAM LINES
1501 NEIL AVENUE RENOVATION - PHASE II
GRAVES HALL ASBESTOS ABATEMENT
DREESE LABORATORY ADDITION
VERNAL G. RIFFE JR. BUILDING (BIOSCIENCE/PARKS HALL ADDITION)

Synopsis: Acceptance of the report of award of contracts and the establishment of contingency funds for the listed projects is recommended.

WHEREAS a resolution adopted by the Board of Trustees on September 7, 1990 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established State of Ohio and University procedures, and if satisfactory bids were received to award contracts for the McCracken Power Plant - Replacement of Steam Lines project; and

WHEREAS resolutions adopted by the Board of Trustees on May 4, 1989, December 1, 1989, June 1, 1990, and October 3, 1991 authorized the President and/or Vice President for Business and Administration to request construction bids in accordance with established University and State of Ohio procedures, and if satisfactory bids were received to recommend the award of contracts for the following projects: 1501 Neil Avenue Renovation - Phase II, Graves Hall Asbestos Abatement, Dreese Laboratory Addition, and Vernal G. Riffe Jr. Building:

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by this Board, the report of award of contracts and establishment of contingency funds for these projects is hereby approved.

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

MCCRACKEN POWER PLANT - REPLACEMENT OF STEAM LINES
1501 NEIL AVENUE RENOVATION - PHASE II
GRAVES HALL ASBESTOS ABATEMENT
DREESE LABORATORY ADDITION
VERNAL G. RIFFE JR. BUILDING (BIOSCIENCE/PARKS HALL ADDITION) (contd)

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VI for background material, page 187.)

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Dr. Moser:

Mr. Chairman, Board of Trustees, I am quickly going to introduce you to Dr. Mohan Wali, who is the Director of the School of Natural Resources and will give justification for this action.

Dr. Wali:

Good afternoon, Mr. Chairman, Members of the Board, President Gee. This item pertains to properties that were gifted to the School of Natural Resources, The Ohio State University, in the early 70's in Hocking and Fairfield Counties. We have been using the properties for student education, for field trips, for getting our students trained in forestry, wildlife, and other such disciplines. The property started with two gifts totalling 1,164 acres and the University acquired another 144 acres.

Our problem in recent years has been that we are not able to afford to keep the properties. There are three or four items that are very important in the expenses related to the property. One, we have to have a full-time caretaker on the property, which costs us about \$50,000. We have had problems of security there, so we constantly have to worry about the security of the property. The operation of the properties costs about \$10,000 a year. Then we have a dam on the property, on what is known as Lake Romona, which is leaking. We have been cited a couple of times for that.

In looking at the entire package, we wanted to ask ourselves what can we do with the property. Obviously we could not sell it to anybody, because under the restrictions of the deed we had to use this property in perpetuity for education and research. So we started some negotiations with the Metroparks about two years ago and have been following those almost meticulously. The reason for our negotiations with the Metroparks is that they, too, are interested in conservation, wildlife management, and so on.

Two or three things have happened in the past two or three years, which I am sure you are aware of -- budget is one of them. The second thing is that the School of Natural Resources has increased its enrollment by about 20 percent over the last three years, both in the undergraduate and graduate student sections. Our scholarship funds have increased, but have not kept pace with the increase in enrollment. We discussed this in the family at Ohio State, particularly with the then Acting Vice President Jim Nichols. I kind of developed the attitude -- in a recalcitrant way of being a depression mentality kid -- and said that if we were able

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to sell this property, we ought to set it aside as an endowment for student scholarships. That is exactly what we have done. The proposal before you pertains to that sale to the Metroparks. I will be very pleased to answer any questions you may have.

Mr. Shumate:

Are there any questions?

President Gee:

One point of clarification -- for some reason as I have gone through this briefing -- do we still have access to use this property as we want? It strikes me that that is one of the nice parts of this opportunity.

Dr. Wali:

My apologies, Mr. President, for ignoring that. We will have a memorandum of understanding with Metroparks that the students and faculty of Ohio State will have full access to the property to continue education and research on the properties.

President Gee:

The reason I make that point, and not to dwell on it, is that as the Board members remember, in July I told you that I'd ask Vice President Pichette and Judge Duncan to take a look at the physical assets of the University to determine what we had and what we were doing with those assets. At a time of constrained resources, we obviously have to look at opportunities in order to fill in budgetarily some of our problems -- in this instance scholarships. So of course, that was immediately translated into the golf course and the airport, but we have physical assets all over the State of Ohio, all over the United States, a variety of places -- and I know that Jim can fill you in further. I believe this is a good example of precisely the type of good management that we will continue to have.

SALE OF REAL PROPERTY

Resolution No. 93-25

BARNEBEY CENTER FAIRFIELD AND HOCKING COUNTIES, OHIO

Synopsis: The sale of the Barnebey Center, approximately 1,278 acres located in Fairfield and Hocking Counties is recommended.

WHEREAS the Board of Trustees of The Ohio State University owns approximately 1,278 acres of real property located in Madison Township of Fairfield County and Good Hope Township of Hocking County and known as the Barnebey Center; and

WHEREAS the School of Natural Resources and College of Agriculture have determined that this property no longer can be operated economically in support of the educational and research programs of the School; and

SALE OF REAL PROPERTY (contd)

**BARNEBEY CENTER
FAIRFIELD AND HOCKING COUNTIES, OHIO (contd)**

WHEREAS the value of this property, based on the average of two appraisals, is \$1,100,000.00, and the Columbus and Franklin County Metropolitan Park District has offered to purchase the property, including timber and mineral rights, for this amount; and

WHEREAS the net proceeds from the sale of this property shall be used to establish The Barnebey Family Scholarship Fund and The Annabelle Hoge Scholarship Fund to provide undergraduate and graduate scholarships for students in the School of Natural Resources; and

WHEREAS the appropriate University offices have determined that this sale is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Administration be authorized, in the name of the Board of Trustees of The Ohio State University, to sell all of the University's right, title, and interest in this property, including all timber and mineral rights, to the Columbus and Franklin County Metropolitan Park District for no less than \$1,100,000.00, upon such terms and conditions as are deemed to be in the best interest of the University, including the condition that the University shall retain, in perpetuity, the right to use the property and the adjoining Metropolitan Park District property for instruction and research upon the terms to be mutually agreed upon.

Upon motion of Mr. Shumate, seconded by Mr. Celeste, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VII for background material and map, page 203.)

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Ms. Pichette:

This item, Mr. Chairman, represents a difficult but necessary decision as we continue to review our operations and look for ways to meet mandated budget reductions. We seek authorization to abolish the Division of Emergency Medical Services and Fire Prevention and the Department of Public Safety effective September 25, 1992. In addition to the resolution, you have a sheet explaining how the required functions being performed by the EMS division will be carried out and a summary of the savings that this action will provide. This recommendation has been reviewed through the budget hearing process and has been recommended by the Executive Committee. We have met with officials from the City of Columbus to facilitate a smooth transition as the Columbus Fire Department takes over the primary role of emergency medical service on campus. We are also working with other University departments to ensure that the essential services and functions required by law will be provided to the campus and to place affected employees. I will stress this action will not affect our ability to comply with required code provisions, and that we remain committed to essential safety services for the University.

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Mr. Shumate:

Any questions or discussion?

Mr. Celeste:

I would just note that since it is such an important area -- the health and safety of the University -- that you do everything that you can to monitor the situation once the change is made, and report back to us to let us know the level of satisfaction we are receiving from the alternative on a regular basis.

Ms. Pichette:

I will do that.

**ABOLISHMENT OF THE DIVISION OF
EMERGENCY MEDICAL SERVICES AND FIRE PREVENTION**

Resolution No. 93-26

Synopsis: The abolishment of the Division of Emergency Medical Services and Fire Prevention is proposed.

WHEREAS to achieve required reductions in its 1992-93 budget, the Office of Business and Administration has recommended the abolishment of the Division of Emergency Medical Services and Fire Prevention; and

WHEREAS this planned abolishment of the Division has been reviewed through the 1992-93 budget hearing process and has been reviewed and approved by the President's Executive Committee; and

WHEREAS the health and safety of all members of the University community are a critical concern of the University; and

WHEREAS the planned abolishment of the Division of Emergency Medical Services and Fire Prevention includes the coordinated reassignment of those duties to other agencies and University units, with University units undertaking these responsibilities within currently funded staffing levels and with additional training as appropriate:

NOW THEREFORE

BE IT RESOLVED, That the recommended abolishment of the Division of Emergency Medical Services and Fire Prevention is hereby approved, to be effective as of September 25, 1992.

Upon motion of Mr. Kessler, seconded by Mr. Shumate, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

(See Appendix VIII for background material, page 207.)

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Mr. Nichols:

In your Board book under the Miscellaneous Tab are three resolutions and if I can, Mr. Chairman, I would like to cover them at the same time.

Mr. Nichols: (contd)

First of all, as many of you know, none of these occur without a substantial effort. There is a stack of legal documents approximately a foot high involved and I'd like to take a moment to introduce to you the folks who have worked on this most diligently on a day-to-day basis. First of all, someone whom all of you know and recognize, Al Rodack, Associate Treasurer. Next to him is Steve Messerly, Assistant Treasurer, who has the investments side and the bond side of the University. Next to Steve is Bill Matlock, who has, for a two-year period of time, handled all of our debt financing and debt relation issues. In addition to them, Rachael Davis worked on this and she left University employment for a better opportunity last Friday. So, Gentlemen, thank you. Also here is Bill Conner from the law firm Arter and Hadden who is our bond counsel, and I'll ask him in the end if he has any additional comments he would like to make.

I would like to take just a couple of minutes to bring you up-to-date, since we are talking in excess of a \$200,000,000 on this particular project. The first resolution in your book pertains to the 1990 Bond Issue which, I think, could best be classified as a technical correction. In that resolution there was an ambiguity as to whether additional projects can be funded from the proceeds of that bond issue with just single projects completed, or whether every project has to be totally completed. This will allow additional funding of projects and some mixing of projects -- no additional money -- by changing the language to indicate that when individual projects are completed, then additional funds can be available for other uses by the University.

The second resolution involves up to \$64 million of fixed rate bonds and, in addition to that, \$115 million worth of refunding bonds for previous debts. I will talk about that in just a moment.

Finally, the third resolution involves \$31 million of variable rate bonds, which we have used in the past. I would like to comment on that further. There is a handout that you have been given. If we can take just a moment to look at it, it will give you an overall idea of our debt structure. The pages are not numbered, but the first page shows you the savings from the \$115 million of debt refunding. Basically what we are going to do is take the 1985, 1986 and 1990 fixed rate bond issues and refund them at lower interest rates. This will be a savings, for almost the next 20 years, of approximately \$230,000 per year. Those are funds that will be available for other uses in the University.

On the second page you have a perspective over approximately a 12-year period of time where interest rates have been both fixed and variable and an indication of where we have issued debt in the past -- in 1985 at 7.6 percent, at 7.2 percent in 1986, and at just about 7 percent in 1990. The fixed rate issues and the refunding will be done in about three weeks. We would anticipate that the average interest rate we will be paying will be right about 5.75 percent over the 20-year period of time. You will also note the red line involves the variable rate issue. As you can see, we have paid on a variable rate as low as 2 percent in the last year. We would anticipate this will be issued in late October initially at somewhat just over 2 percent. That is on a weekly reset, which is the same as the existing variable rate.

Mr. Nichols: (contd)

I would tell you that the refunding will release \$4.8 million of money, which can be used for additional construction projects, that is in the debt service reserve. We have not had an update on this for a couple of years, but we have now reached in excess of \$11 million of interest savings on our variable rate debt, as opposed to fixed rate since 1985. So that is \$11 million that the budget office does not have to come up with, and which can be used for other purposes besides debt service.

The second chart would indicate the total debt service payments that we are making in terms of millions of dollars. You can see this will take it to a maximum, in approximately the next five years, of about \$30 million per year. This is the conservative estimate, it will likely be a little lower than that. It represents about 2.3, 2.4 percent of this year's annual operating revenue, well within appropriate targets. The following chart then shows our total debt that we have in the University, and how it decreases over time through a little over 20 years, with both the fixed and the variable component. We currently have about \$173 million outstanding, and that will go up by \$90 million pending your approval.

And then finally on the back side, as a comparison, is the specific coupon rates in the serial bonds that we had in 1985, 1986, and 1990, and then the estimates that we have here. We are in an exceptional interest rate environment to be able to issue bonds. The projects, for the most part, have previously been given to you, but they involve the projects at University Hospitals, Residence and Dining Halls, several research park and research related activities, Traffic and Parking, infrastructure issues, telephone, athletic, and general revenue funds. Approximately 85 percent of all of these debt service payments will be made from revenue producing units within the University. The other 15 percent will come from the general revenue funds of the University, which you have previously approved as part of the budget in the last meeting.

Ms. Casto:

Jim, excuse me, at that time after it goes back into the general funds -- it has already been expended because we approved it a long time ago, and some of them are completed -- then what happens to the money?

Mr. Nichols:

There are a couple of the projects that have been completed, but those have been funded out of temporary -- the equivalent of a bridge loan, and that is what will be repaid. The bridge loans generally come from the internal funding of the University. Maybe I misunderstood the question.

Ms. Casto:

When we pass a project, it will say, for instance, that it is funded by University funds. It does not say from the bond sales, it will say sometimes from the University funds. And then you are reimbursing the funds?

Mr. Nichols:

That is correct.

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Ms. Casto:

I guess what I am saying is that if the funds are put back in there, what are they going to be used for after that?

Mr. Nichols:

Well all of the funds that are in the investment pool of the University -- the operating investment pool -- already have claims on them. What we are doing is borrowing money out of that fund to be used temporarily for construction projects and then that is paid back. So they are, for the most part, auxiliary operations, hospitals money, traffic and parking money, athletic money, research funds.

Ms. Casto:

Like for instance the Honors House?

Mr. Nichols:

The Honors House will -- again the temporary loan came out of that particular fund and it will be paid back into that fund. The debt service for paying off the portion of the bonds to be used for Honors House will come from the general revenue funds of the University, and that was part of the budget passed at the last meeting.

Ms. Casto:

Does everyone else get that? Does anyone have any questions on that?

Mr. Shumate:

Perhaps the two of you can talk later on this.

Mr. Nichols:

Let me make a couple more comments, Mr. Chairman. The underwriters for the fixed portion of the issue are John Nuveen and The Ohio Company, the co-managers are Huntington Bank; McDonald and Company; Pryor, McClendon, and Counts; and Prudential Securities, Inc. The variable rate issue will be co-lead managers of Lehman Brothers and WR Lazard Company. Trustee, as it has been for some time, is the Huntington Trust Company. The Bond Counsel is Arter and Hadden, appointed by the Attorney General's office. Thompson, Hine, and Flory is underwriter's counsel -- a lot of attorneys involved. Porter, Wright, Morris & Arthur is the Trustees' Counsel and University's Counsel in this is, of course, the Attorney General.

We have not yet been issued a rating for these bonds -- we may get that as early as this afternoon. We anticipate that our existing ratings of double A minus on the fixed by Standard and Poor's, and A plus by Moody's will remain, and the ratings on the variable rate portion on the bonds, which is Moody's, is A1 plus. And what they call Mid-One for Standard and Poor, which are the two highest ratings, will remain there as well.

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Mr. Nichols: (contd)

I think I would add maybe two more comments. As those members who have been here for a few years know, it has been our policy to constantly push the envelope in terms of flexibility for the University in our debt issues. In 1985 we redid the entire debt structure and put a new indenture in place, and the fifth and sixth variations of that are in your particular book. In the 1990 issue, we eliminated a debt service reserve, so we don't do those any more. And with the variable rate issue this time, we are going to eliminate, we hope, a requirement for a liquidity facility, which is basically a contractual agreement with the bank that they will provide the liquidity if no one is willing to buy our variable rate bonds. We are going to use the University's internal assets to back that up. Although not sounding very minor as a savings, it will be somewhere in the range of about \$40,000 to \$45,000 a year to the University, and will be available for other purposes.

The three resolutions that I mentioned to you, and the fifth and sixth indenture information are in the book. There is also additional information on file at the Board office of some substance that will be involved. We will mail to you the preliminary official statement which will be printed; pending approval, tonight and will be available.

Comment from Bond Counsel?

Mr. Bill Conner:

I have nothing to add, but will try to answer any questions that you may have.

Mr. Nichols:

And I'll answer any questions if there are, Mr. Chairman.

Mr. Shumate:

Are there any questions? This might be a topic that would be appropriate to give more of an overview on in a subsequent Fiscal Affairs Committee meeting in order to address some of the underlying questions.

Mr. Nichols:

I'd be glad to do that.

AMENDMENT TO RESOLUTION NO. 90-106

Resolution No. 93-27

WHEREAS this Board of Trustees (the "Board") of The Ohio State University (the "University") has previously adopted Resolution No. 90-106 on April 6, 1990 (the "Series 1990 Bond Resolution") which, among other things, authorized the issuance of the University's General Receipts Bonds, Series 1990 Bonds (the "Series 1990 Bonds"); and

WHEREAS the Series 1990 Bond Resolution created the 1990 Construction Fund to be maintained by the Trustee (as defined in the Series 1990 Bond Resolution) and to be funded with Sale Proceeds (as defined in the Series 1990 Bond Resolution); and

AMENDMENT TO RESOLUTION NO. 90-106 (contd)

WHEREAS the Series 1990 Bond Resolution permits the use of moneys on deposit in the 1990 Construction Fund to pay the costs and expenses relating to the 1990 Project (as defined in the Series 1990 Bond Resolution) and Additional Projects (as defined in the Series 1990 Bond Resolution); and

WHEREAS Additional Projects may be undertaken at the direction of the University after the receipt by the Trustee of a certificate of completion and after payment or provision for payment in full of costs and expenses relating to the 1990 Project; and

WHEREAS the definition of 1990 Project is ambiguous with respect to whether the University may consider the components constituting the 1990 Project separately in determining when completion of such portions of the 1990 Project has occurred; and

WHEREAS Section 10 of the Series 1990 Bond Resolution authorizes changes to the text of the Series 1990 Resolution for the purpose of curing any ambiguity in the Series 1990 Bond Resolution or in respect of the Series 1990 Bond Resolution as it relates to the Indenture, the Fourth Supplemental Indenture, the Certificate of Award, the Form of Bond, the Contract of Purchase or the Official Statement (all as defined in the Series 1990 Bond Resolution); and

WHEREAS the Treasurer of the University has approved the changes proposed in this Resolution as being not substantially adverse to the University and not contrary to the true intent and meaning of the Series 1990 Bond Resolution and such changes are acceptable to Arter & Hadden, the University's Bond Counsel (as defined in the Series 1990 Bond Resolution):

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY as follows:

Section 1. Definitions. All terms used herein with initial capitalization when the rules of grammar would not so require shall have the meanings given them in the Series 1990 Resolution unless another meaning is expressly provided.

Section 2. Changes to Series 1990 Bond Resolution. The second paragraph of Section 5 of the Series 1990 Bond Resolution is hereby amended to read as follows:

Monies, allocable to completed Components as described below, remaining in the 1990 Construction Fund (including investment earnings thereon which have not been used to pay Bond Service Charges, as described in the preceding paragraph) after receipt by the Trustee of a certificate of completion (as described in Section 9 of the Series 1985A Bond Resolution) with respect to any of the items listed in the definition of 1990 Project in Section 1 hereof (the "Components") and after payment or provision for payment in full of costs and expenses relating to each Component for which the certificate of completion is given, as well as those Components for which a certificate of completion has not yet been presented, shall, at the direction of the University, be applied by the Trustee to fund the costs of other Components or additional projects constituting University Facilities (the "Additional Projects").

Section 3. No Other Amendment. No changes, amendments or modifications to the Series 1990 Bond Resolution are to be implied by this Resolution and only the changes expressly set forth in this Resolution shall have any force or effect.

AMENDMENT TO RESOLUTION NO. 90-106 (contd)

Section 4. Effective Date. This Resolution shall be in full force and effect from the date of its adoption.

Upon motion of Mr. Shumate, seconded by Mr. Kessler, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY**

Resolution No. 93-28

Synopsis: The Fiscal Affairs Committee recommended (A) the authorization, issuance, sale and delivery of General Receipts Bonds, Series 1992 A1 (the "Series 1992 A1 Bonds"), in a principal amount determined as provided herein, for the purposes of paying or reimbursing a portion of the costs of (i) the acquisition, construction, remodeling, improvement, installation, renovation and installation of facilities for use by University Hospitals, including a surgical intensive care unit, a neuropsychiatric facility, women and infant facilities, magnetic resonance imaging unit, elevator improvements, emergency department alterations and emergency power system improvements; (ii) the repair, improvement, remodeling, renovation and rehabilitation of University Residence and Dining Hall facilities; (iii) the acquisition, construction, installation and equipping of additional clinical medical research facilities located adjacent to Wiseman Hall; (iv) the acquisition, construction, installation and equipping of a plant growth research facility at Rightmire Hall; (v) the improvement of Cannon Drive; (vi) the renovation and remodeling of Rightmire Hall to provide laboratories for the University Biotechnology Program; (vii) the enlargement of the 12th Avenue Parking Garage and the construction thereon of Botany and Zoology facilities; (viii) the renovation of facilities at the Lab Animal Center for use in primate research; (ix) the remodeling and renovation of Bevis Hall to house a Transgenic Animal Facility to support biotechnology research; (x) the maintenance, improvement and repair of utilities, including central controls, a water purification system and storm and sanitary sewers; (xi) the acquisition and renovation of a facility for the construction of astronomical instruments; (xii) the renovation of Scott Hall to house the Byrd Polar Research Center and portions of the Geological Sciences; (xiii) the acquisition of land and a building located at 1275 Kinnear Road; (xiv) the acquisition of land for use by the Molly Caren Agricultural Center; (xv) the acquisition and installation of digital switching telecommunications equipment; (xvi) the renovation and remodeling of facilities to provide facilities for use in connection with the Honor's Program; (xvii) the development of intramural fields and acquisition and installation of additional bleachers for Ohio Stadium by the Department of Athletics; and (xviii) the renovation of a building located at 1000 Kinnear Road; (collectively, the "1992 Project"); paying costs and expenses associated with the issuance of the Series 1992 A Bonds; (B) the authorization, issuance, sale and delivery of General Receipts Refunding Bonds, Series 1992 A2 (the "Series 1992 A2 Bonds") in the principal amount determined as provided herein, for the purposes of refunding certain Prior Bonds (as defined herein) (the Series 1992 A1 Bonds and the Series 1992 A2 Bonds being sometimes collectively referred to herein as the "Series 1992 A Bonds") authorizing a Fifth Supplemental Trust Indenture to secure the payment of Bond Service Charges on the Series 1992 A Bonds; and for related purposes.

WHEREAS pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code (the "Act"), as enacted under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, The Ohio State University (the "University"), a state university of the State of Ohio (the "State") created and existing under Chapter 3335 of the Ohio Revised Code, is authorized and empowered, among other things, (a) to issue, as provided herein, Bonds (as defined in the Original Indenture (as hereinafter defined)) of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in the Act (and herein called "University Facilities") and to refund, fund or retire bonds and

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

other obligations previously issued for such purpose; (b) to pledge to the payment of the Bonds all or a specified part of the gross amount of the General Receipts of the University (as defined in the Original Indenture) in priority to all other expenses, claims or payments; (c) to covenant, as herein provided, that the University will make, fix, adjust and collect the fees, rates, rentals, charges and other items comprising General Receipts to produce General Receipts sufficient at all times to meet Bond Service Charges (as defined in the Original Indenture) on the Bonds, to establish and to maintain the required reserves and meet other requirements herein provided; and (d) to provide for a trust indenture and to make further provisions for securing the payment of the Bond Service Charges; and

WHEREAS the University, by resolution adopted by its Board of Trustees (the "Board") on November 1, 1985 (the "Series 1985 A Bond Resolution") and by a Trust Indenture (the "Original Indenture"), dated as of November 15, 1985, between the University and The Huntington National Bank, as Trustee (the "Trustee"), has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution (as defined in the Original Indenture) adopted by the Board pursuant thereto and secured pursuant to the terms of a Supplemental Indenture (as defined in the Original Indenture) with respect to such issue (the Original Indenture and all Supplemental Indentures being referred to collectively herein as the "Indenture"); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution and the Original Indenture, the \$27,680,000 The Ohio State University General Receipts Refunding Bonds, Series 1985 A, dated as of November 15, 1985 (the "Series 1985 A Bonds") (\$16,530,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution, the resolution, adopted by the Board on December 6, 1985 (the "Series 1985 B Bond Resolution"), the Original Indenture and the First Supplemental Trust Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture"), between the University and the Trustee, as amended by the Amendment Agreement, dated as of December 1, 1986, between the University and the Trustee, as further amended by the First Supplemental Trust Indenture Amendment Agreement, dated as of March 1, 1988, between the University and the Trustee, the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B, initially dated as of December 30, 1985 (the "Series 1985 B Bonds") (\$21,900,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on July 11, 1986 (the "Series 1986 A Bond Resolution"), the Series 1985 A Bond Resolution, the Original Indenture and the Second Supplemental Trust Indenture, dated as of July 15, 1986 (the "Second Supplemental Indenture"), between the University and the Trustee, the \$45,000,000 The Ohio State University General Receipts Bonds, Series 1986 A, dated as of July 15, 1986 (the "Series 1986 A Bonds") (\$34,755,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on July 11, 1986 (the "Series 1986 B Bond Resolution"), the Series 1985 A Bond Resolution, the Original Indenture and the Amended Third Supplemental Trust Indenture, dated as of August 1, 1986 (the "Third Supplemental Indenture"), between the University and the Trustee, the \$45,000,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1986 B, initially dated as of August 14, 1986 (the "Series 1986 B Bonds") (\$40,900,000 principal amount outstanding as of September 1, 1992); and

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WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on April 6, 1990 (the "Series 1990 Bond Resolution"), the Series 1985 A Bond Resolution, the Original Indenture and the Fourth Supplemental Trust Indenture, dated as of April 1, 1990 (the "Fourth Supplemental Indenture"), between the University and the Trustee, the \$54,265,000 The Ohio State University General Receipts Bonds, Series 1990, dated as of April 1, 1990 (the "Series 1990 Bonds") (\$49,945,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of The Ohio State University General Receipts Bonds, Series 1992 A1, (the "Series 1992 A1 Bonds") in a principal amount not to exceed \$64,000,000, for the purpose of paying a portion of the costs of the 1992 Project (as defined herein) and paying costs and expenses associated with the issuance of the Series 1992 A Bonds; and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of The Ohio State University General Receipts Refunding Bonds, Series 1992 A2 (the "Series 1992 A2 Bonds"), in a principal amount not to exceed \$115,000,000, for the purpose of refunding the Series 1985 A Bonds maturing on or after December 1, 1996, the Series 1986 A Bonds and the Series 1990 Bonds (collectively, the "Prior Bonds"); and

WHEREAS the University desires to make provision for the issuance of the Series 1992 A Bonds and for the payment of the Bond Service Charges (as defined in the Indenture) thereon, to secure the Series 1992 A Bonds by this Resolution and a Fifth Supplemental Trust Indenture, dated as of September 1, 1992 (the "Fifth Supplemental Indenture") herein authorized and to adopt this Resolution pursuant to the Original Indenture and the Series 1985 A Bond Resolution:

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Indenture and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent. Terms not appearing in the Original Indenture but used herein and not previously defined herein are defined as follows:

"Bond proceedings" means the Series 1985 A Bond Resolution, the Original Indenture, any applicable Series Resolution, any applicable Supplemental Indenture, any applicable Certificate of Award and any other resolutions and agreements and amendments of and supplements to the foregoing, or any combination thereof, authorizing or providing for the terms and conditions applicable to, or providing for the security or sale of Bonds, and the terms contained in such Bonds.

"Book Entry System" means a system under which (i) a physical Series 1992 A Bond certificate in fully registered form is issued for each maturity of Series 1992 A Bonds only to a Depository or its nominee as registered owner, with the Series 1992 A Bonds held by and immobilized in the custody of the Depository; and (ii) a book entry record, maintained by and the responsibility of the Depository and not maintained by or the responsibility of the University or the Trustee, is the record that identifies, and records the transfer of the interests of, the owners of book entry interests in such Series 1992 A Bonds.

"Certificate of Award" means the Certificate of Award authorized pursuant to Section 3 of this Resolution.

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"Code" means the Internal Revenue Code of 1986, as amended, the Treasury Regulations (whether proposed, temporary or final) under that Code or the statutory predecessor of that Code, and any amendments of, or successor provisions to, the foregoing and any official rulings, announcements, notices, procedures and judicial determinations regarding any of the foregoing, all as and to the extent applicable. Unless otherwise indicated, reference to a Section of the Code means that Section, including any applicable successor section or provision and such applicable Treasury Regulations, rulings, announcements, notices, procedures and determinations pertinent to that Section.

"Contract of Purchase" means the Contract of Purchase between the Original Purchasers and the University, authorized pursuant to Section 3 hereof.

"Depository" means any securities depository that is a clearing agency under federal law operating and maintaining, with its participants or otherwise, a Book Entry System to record ownership of book entry interests in obligations, and includes and means initially as to the Series 1992 A Bonds, The Depository Trust Company (a limited purpose trust company), New York, New York.

"Mandatory sinking fund requirements" means amounts required by this Resolution to be deposited into the Bond Fund in any year for the purpose of retiring principal maturities of the Series 1992 A Bonds which by the terms of such Bonds are due and payable, if not called for prior redemption, in any subsequent fiscal year of the University.

"1992 Escrow Subaccount" means the 1992 Escrow Subaccount of the Special Bond Service Account, which subaccount is created in Section 7 hereof and held by the Trustee pursuant to the Fifth Supplemental Indenture.

"Official Statement" means, as to the Series 1992 A Bonds, the Official Statement including, without limitation, the Preliminary Official Statement, relating to the original issuance of the Series 1992 A Bonds, authorized pursuant to Section 3 hereof.

"Original Purchasers" means, as to the Series 1992 A Bonds, John Nuveen & Co. Incorporated, Chicago, Illinois, The Ohio Company, Columbus, Ohio, The Huntington National Bank, Columbus, Ohio, McDonald & Company Securities, Inc., Cleveland, Ohio, Prudential Securities Incorporated, New York, New York, and Pryor, McClendon Counts & Co., Inc., Columbus, Ohio.

"Paying Agent" means the Trustee.

"1992 Project" means, collectively, (i) the acquisition, construction, remodeling, improvement, installation, renovation and installation of facilities for use by University Hospitals, including a surgical intensive care unit, a neuropsychiatric facility, women and infant facilities, magnetic resonance imaging unit, elevator improvements, emergency department alterations and emergency power system improvements; (ii) the repair, improvement, remodeling, renovation and rehabilitation of University Residence and Dining Hall facilities; (iii) the acquisition, construction, installation and equipping of additional clinical medical research facilities located adjacent to Wiseman Hall; (iv) the acquisition, construction, installation and equipping of a plant growth research facility at Rightmire Hall; (v) the improvement of Cannon Drive; (vi) the renovation and remodeling of Rightmire Hall to provide laboratories for the University Biotechnology Program; (vii) the enlargement of the 12th Avenue Parking Garage and the construction thereon of Botany and Zoology facilities; (viii) the renovation of facilities at the Lab Animal Center for use in primate research; (ix) the remodeling and renovation of Bevis Hall to house a Transgenic Animal Facility to support biotechnology research; (x) the maintenance, improvement and repair of utilities, including

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**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
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central controls, a water purification system and storm and sanitary sewers; (xi) the acquisition and renovation of a facility for the construction of astronomical instruments; (xii) the renovation of Scott Hall to house the Byrd Polar Research Center and portions of the Geological Sciences; (xiii) the acquisition of land and a building located at 1275 Kinnear Road; (xiv) the acquisition of land for use by the Molly Caren Agricultural Center; (xv) the acquisition and installation of digital switching telecommunications equipment; (xvi) the renovation and remodeling of facilities to provide facilities for use in connection with the Honor's Program; (xvii) the development of intramural fields and acquisition and installation of additional bleachers for Ohio Stadium by the Department of Athletics; and (xviii) the renovation of a building located at 1000 Kinnear Road, each of (i) through (xviii) constituting a Component (as defined in Section 5 of this Resolution) and a University Facility.

"1992 Project Fund" means the 1992 Project Fund held by the University and created in Section 5 hereof to be funded in part with the proceeds of the Series 1992 A1 Bonds.

"Series 1992 A Bond Resolution" or "this Resolution" as used herein, means this Resolution and the Certificate of Award, as the same may be amended from time to time.

"Trustee" means The Huntington National Bank, Columbus, Ohio, and any successor Trustee as determined or designated under or pursuant to the Original Indenture.

Any reference herein to the University, the Board, or to any members or officers thereof or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond Service Charges in the amount and manner, at the times, and from the sources provided in this Resolution, the Original Indenture and the Fifth Supplemental Indenture, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the terms "hereof," "herein," "hereby," "hereto," "hereunder," and similar terms, mean this Resolution.

Section 2. Authorization; Terms; Pledge; and Covenant.

(a) Authorization. The Series 1992 A Bonds shall consist of two separate series and shall be designated and known respectively as "The Ohio State University General Receipts Bonds, Series 1992 A1" and "The Ohio State University General Receipts Refunding Bonds, Series 1992 A2" and shall be issued pursuant to and as authorized by the Act, Section 2i of Article VIII of the Ohio Constitution, the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Fifth Supplemental Indenture. The Series 1992 A1 Bonds shall be issued for the purposes of financing a portion of the costs of the University Facilities comprising the 1992 Project and paying costs and expenses incidental to the issuance of the Series 1992 A Bonds and the Series 1992 A2 Bonds shall be issued for the purpose of refunding the Prior Bonds.

(b) Form and Numbering. The Series 1992 A Bonds shall be issued only as fully registered bonds. The Series 1992 A Bonds shall be numbered as determined by the Trustee which will distinguish each Series 1992 A Bond from each other Series 1992 A Bond and shall further distinguish the Series 1992 A1 Bonds from the Series 1992 A2 Bonds.

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

(c) Denominations and Dates. The Series 1992 A Bonds shall be issuable in denominations of \$5,000 and integral multiples thereof and shall be dated as of September 1, 1992.

(d) Principal Amount. The Series 1992 A Bonds shall be issued in the principal amount specified in the Certificate of Award, which amount shall not exceed \$179,000,000.

(e) Delivery and Execution. The Treasurer is hereby authorized to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1992 A Bonds to the Original Purchasers and to take all steps as necessary to effect due execution, authentication, sale and delivery of the Series 1992 A Bonds to the Original Purchasers under the terms of this Resolution. The Series 1992 A Bonds shall be signed by the Chairman of the Board (the "Chairman") and the Treasurer in their official capacities (provided that both of the signatures may be facsimiles) and shall bear the corporate seal of the University or a facsimile thereof.

(f) Interest and Maturities.

(i) The Series 1992 A Bonds shall bear interest on the unpaid principal amount thereof from the most recent date to which interest has been paid or duly provided for or, if no interest has been paid or provided for, from their date, with interest, payable semi-annually on each June 1 and December 1 (the "Interest Payment Dates"), commencing December 1, 1992, at the percentage rate or rates per annum set forth in the Certificate of Award. Interest shall be calculated on the basis of a 360-day year consisting of twelve 30-day months. Such rate or rates shall in no event produce an average interest rate for the Series 1992 A Bonds in excess of eight percent (8.00%) per annum.

(ii) The Series 1992 A Bonds shall mature not later than September 1, 2017 and in such annual amount or amounts as are provided for in the Certificate of Award.

(iii) Any mandatory redemption of Series 1992 A Bonds of certain maturities prior to maturity pursuant to any mandatory sinking fund requirements shall be as provided in the Certificate of Award. Notice of call for mandatory sinking fund redemption of the Series 1992 A Bonds shall be given in the manner provided in the Indenture.

(iv) Certain maturities of the Series 1992 A Bonds, if so provided for in the Certificate of Award, shall be subject to optional redemption at the option of the University prior to stated maturity, in whole or in part, but if in part, only in installments of \$5,000 principal amount of such Series 1992 A Bond or integral multiples thereof, in accordance with the terms, conditions, redemption prices and on the dates set forth in the Certificate of Award. Notice of call for and other terms and provisions governing redemption of the Series 1992 A Bonds shall be given in the manner provided in the Indenture. At no time shall the redemption price on any Series 1992 A Bonds, exclusive of accrued interest, exceed one hundred and two percent (102%) of the principal amount of such Bond to be redeemed.

(g) Security. As provided in the Indenture as supplemented by the Fifth Supplemental Indenture, there is hereby pledged to the security of the Series 1992 A Bonds and for the payment of the Bond Service Charges on the Series 1992 A Bonds, (i) the gross amount of General Receipts of the University (subject to the provisions for the partial release of a pledge of General Receipts contained in Section 4.11 of the Original Indenture) and (ii) the monies contained in the Special Funds, but excluding the Bond Reserve Fund. Anything else to the contrary in the Indenture, the Series 1985 A Bond Resolution, the Fifth Supplemental Indenture or this Resolution notwithstanding, the Series 1992 A Bonds shall not have access to, any claim upon or be secured by the Bond Reserve Fund or the 1992 Project Fund.

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The pledge of General Receipts in the immediately preceding paragraph shall be on a parity with expenses, claims and payments relating to other Parity Obligations and in priority to all other expenses, claims and payments of the University. In accordance with the Act, all General Receipts or portions thereof are immediately subject to the lien of the pledge upon receipt thereof by the University.

For the further security of the Series 1992 A Bonds, and any Additional Bonds (as defined in the Original Indenture), the University hereby covenants with the bondholders and the Trustee that so long as any Series 1992 A Bonds or Additional Bonds are outstanding, the University shall fix, make, adjust and collect fees, rates, rentals, charges, and other items of General Receipts, as will produce at all times General Receipts sufficient (i) to pay Bond Service Charges when due, (ii) together with other monies lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings, and (iii) together with other monies lawfully available therefor, to pay all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University.

(h) Payment, Places of Payment and Paying Agents. The principal of and any redemption premium on any Series 1992 A Bond when due shall be payable to the registered holder upon presentation and surrender thereof at the principal corporate trust office of the Trustee. Interest on Series 1992 A Bonds shall be payable by check or draft mailed by the Trustee as provided in the Original Indenture; provided, however, that interest on Series 1992 A Bonds aggregating \$1,000,000 or more in principal amount registered in the name of a single holder shall be paid by wire transfer in immediately available funds to such account, if any, as such holder directs in writing to the Trustee at least ten (10) days prior to any Interest Payment Date, such payment by wire transfer pursuant to that direction continuing in effect as to subsequent Interest Payment Dates until such time as the holder notifies the Trustee to the contrary or until such time as such holder ceases to be a holder of the requisite principal amount of Series 1992 A Bonds.

(i) Book Entry. Subject to the provisions of the immediately following paragraph, the Series 1992 A Bonds shall be issued only to a Depository for holding in a Book Entry System. Those Series 1992 A Bonds shall be registered in the name of the Depository or its nominee, as registered owner, and immobilized in the custody of the Depository; and shall not be transferable or exchangeable, except for transfer to another Depository or to another nominee of a Depository, without further action by the University. Each maturity of the Series 1992 A1 Bonds and the Series 1992 A2 Bonds shall each be evidenced by a single certificate in the aggregate principal amount of the respective Series 1992 A1 Bonds and the Series 1992 A2 Bonds maturing on each such maturity date.

If any Depository determines not to continue to act as a Depository for the Series 1992 A Bonds for holding in a Book Entry System, the University may attempt to have established a securities depository/Book Entry System relationship with another qualified Depository. If the University does not or is unable to do so, the University, after making provision for notification of the owners of book entry interests by appropriate notice to the then Depository and any other arrangements it deems necessary, shall permit the withdrawal of the Series 1992 A Bonds from the Depository, and authenticate and deliver the Series 1992 A Bond certificates, in fully registered form to the assigns of the Depository or its nominee (if such Bond was held by a nominee), all at the cost and expense (including costs of printing or otherwise preparing and delivering replacement Series 1992 A Bonds) of the Bondholders. Series 1992 A Bond certificates authenticated and delivered pursuant to this paragraph shall be in the denomination of \$5,000 or any integral multiple thereof.

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
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Section 3. Contract of Purchase; Certificate of Award; Official Statement. The Series 1992 A Bonds are sold and awarded to the Original Purchasers in accordance with the Contract of Purchase at the purchase price provided in the Certificate of Award. The form of Contract of Purchase now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are permitted by the Act and approved on behalf of the University by the Chairman or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Contract of Purchase on behalf of the University by the Chairman or the Treasurer. It is determined hereby that the purchase price and the manner of sale and the terms of the Series 1992 A Bonds, as provided in this Resolution and the Contract of Purchase are consistent with all legal requirements and will carry out the public purposes of the Act.

The sale and award of the Series 1992 A Bonds shall be further evidenced by the Certificate of Award. The Certificate of Award is hereby authorized and shall be executed by the Chairman or the Treasurer. The Certificate of Award shall state or confirm the aggregate principal amount of the Series 1992 A Bonds, the purchase price of such Bonds, the interest rate or rates with respect to each maturity of such Bonds, the annual principal amount or amounts of such Bonds becoming due, the maturity dates, any mandatory sinking fund requirements and the optional redemption provisions, all as determined in accordance with the provisions of this Resolution and the Contract of Purchase, and all of which shall be conclusively evidenced by the execution of the Certificate of Award. The Certificate of Award shall also contain such other dates or provisions as the Chairman or the Treasurer determines are appropriate or necessary, and as are consistent with this Resolution, the Indenture, the Fifth Supplemental Indenture and the Contract of Purchase.

The use and distribution of the Preliminary Official Statement and the Official Statement relating to the Series 1992 A Bonds by the Original Purchasers is hereby approved and authorized. The Preliminary Official Statement is deemed final by the University for purposes of Securities Exchange Commission Rule 15c2-12 except for such omissions therefrom as may be permitted by such Rule. The Official Statement, substantially in the form of the Preliminary Official Statement now on file with the Secretary of the Board, shall be executed by the Chairman or the Treasurer in his official capacity on behalf of the University with any modifications, changes and supplements necessary or desirable for the purposes thereof which the Chairman or the Treasurer shall approve. The Board has not confirmed, and assumes no responsibility for, the accuracy, sufficiency or fairness of the statements in the Preliminary Official Statement or the final Official Statement under the caption "UNDERWRITING."

Section 4. Allocation of Proceeds. The proceeds from the sale of the Series 1992 A Bonds, including any accrued interest, shall be allocated, deposited and applied as follows:

- (i) To the Bond Fund, accrued interest received on the sale of the Series 1992 A Bonds;
- (ii) To the 1992 Project Fund, created pursuant to Section 5 of this Resolution, the entire remaining amount of the proceeds of the Series 1992 A1 Bonds, to be applied to the purposes of that Fund, including transfers from that Fund authorized by the Act and to pay costs and expenses associated with the issuance of the Series 1992 A Bonds; and

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

- (iii) To the Trustee, the entire remaining amount of the proceeds of the Series 1992 A2 Bonds, for deposit into the 1992 Escrow Subaccount pursuant to the Fifth Supplemental Indenture.

Section 5. 1992 Project Fund. There is hereby created by the University a fund to be maintained in the custody of the Treasurer and designated the "1992 Project Fund." The 1992 Project Fund shall be funded in part from the proceeds of the sale of the Series 1992 A1 Bonds. Such proceeds shall be used for the payment or reimbursement of a portion of the costs and expenses relating to the 1992 Project, and costs and expenses associated with the issuance of the Series 1992 A Bonds. The 1992 Project Fund shall not constitute a Special Fund and shall not be pledged to the payment of Bond Service Charges.

Moneys held in the 1992 Project Fund, including all investment earnings thereon, pending disbursement from the 1992 Project Fund shall be invested in Authorized Investments specified in Section VIII of the Non-Endowment Investments Policy of the University attached hereto as Exhibit A, as the same may be amended from time to time. If the proceeds of the Series 1992 A1 Bonds remain unspent upon the issuance of any Additional Bonds to fund costs of the 1992 Project, the University shall establish separate accounts and subaccounts, for accounting purposes, for the deposit of the proceeds of such Additional Bonds in accordance with the provisions of this Section 5.

The Treasurer shall maintain such books and records with respect to disbursements from the 1992 Project Fund so as to enable the Treasurer to determine the name of any payee of any such disbursement, the date on which such disbursement occurred, the amount of such disbursement and the purpose for which such disbursement was made. Investment earnings on the funds on deposit in the 1992 Project Fund may, at the discretion of the University, be paid to the Trustee for deposit in the Bond Service Account in the Bond Fund to be used to pay Bond Service Charges on the Series 1992 A1 Bonds.

Upon the determination by the Treasurer that the costs incurred in connection with any item listed in Section 1 hereof in the definition of 1992 Project (each a "Component") to be paid from the 1992 Project Fund have been paid in full or provision for such payment has been made, the University may use any remaining moneys on deposit in the 1992 Project Fund with respect to such Component to fund the costs of other Components or to fund the costs of additional projects constituting University Facilities (each, an "Additional Project"). Monies remaining on deposit in the 1992 Project Fund after the completion of the 1992 Project and any Additional Projects shall be used by the University in any manner which, in the opinion of Bond Counsel, shall be permissible under the Act and the Code.

Section 6. Application of Bond Proceeds. The University covenants that the use of the proceeds of the Series 1992 A Bonds will be restricted in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of delivery of and payment for the Series 1992 A Bonds, so that the Series 1992 A Bonds will not constitute arbitrage bonds under Sections 103(c) and 148 of the Code. The Treasurer of the University, or any other officer having responsibility with respect to the issuance of the Series 1992 A Bonds, alone or in conjunction with any other officer or employee of or consultant to the University, will give an appropriate certificate of the University for inclusion in the transcript of proceedings for the Series 1992 A Bonds setting forth the reasonable expectations of the University regarding the amount and use of all those proceeds and the facts and estimates on which they are based, all as of the date of original delivery of and payment for the Series 1992 A Bonds.

**AUTHORIZATION, ISSUANCE AND SALE OF GENERAL RECEIPTS BONDS,
SERIES 1992 A, OF THE OHIO STATE UNIVERSITY (contd)**

The University further covenants that it will take all actions required to maintain the exclusion from gross income for purposes of federal income taxation of interest on the Series 1992 A Bonds, and will not take, nor permit to be taken, any actions which would adversely affect such exclusion under the provisions of the Code that apply to the Series 1992 A Bonds; and the Chairman or the Treasurer and other appropriate officers are hereby authorized to take such actions and give such certifications as may be appropriate to assure such exclusion from gross income of interest on the Series 1992 A Bonds.

Section 7. 1992 Escrow Subaccount; Call for Redemption of Prior Bonds. There is hereby created the 1992 Escrow Subaccount, a subaccount of the Special Bond Service Account, to be held in the custody of the Trustee. All moneys and investments held in the 1992 Escrow Subaccount shall be held in trust for and shall be used solely for the payment of the principal of, premium, if any, and interest on the Prior Bonds as provided in the Fifth Supplemental Indenture.

The University hereby determines that each of the Prior Bonds shall be called for optional redemption at the earliest date on which each of them may be redeemed pursuant to the Indenture and that the execution and delivery by the University of the Fifth Supplemental Indenture shall constitute the irrevocable direction to the Trustee to send such notices as are required by the Indenture to effect such call for redemption. The execution of the Fifth Supplemental Indenture and the acceptance of the estate conveyed thereby by the Trustee shall constitute the receipt by the Trustee of such direction and the agreement by the Trustee to give the aforementioned notices.

Section 8. Further Covenants. In addition to the covenants elsewhere contained herein, the University further covenants as provided in Section 13 of the Series 1985 A Bond Resolution, which covenants are incorporated herein as if fully set forth herein.

Section 9. Fifth Supplemental Indenture. In order to better secure the payment of the Bond Service Charges as the same shall become due and payable, the Chairman, the President of the University, the Secretary of the Board and the Treasurer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee, in the name and on behalf of the University and pursuant to the Indenture, the Fifth Supplemental Indenture, in substantially the form submitted to this Board and hereby approved, with such changes therein as are not substantially adverse to the University and as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The Fifth Supplemental Indenture shall also include the forms of the Series 1992 A Bonds. The execution of such document by any of such officers shall conclusively evidence the approval of such officers and the Board and that such changes are not substantially adverse to the University. Such officers are each further authorized to execute and deliver on behalf of the University such other certificates, documents and instruments as are necessary in connection with the acts authorized by this Resolution.

Section 10. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning and relating to the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Section 11. Effective Date. This Resolution shall take effect and be in force immediately upon its adoption.

Upon motion of Mr. Shumate, seconded by Amb. Wolf, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY**

Resolution No. 93-29

Synopsis: Providing for the authorization, issuance and sale of Variable Rate Demand General Receipts Bonds, Series 1992 B (the "Series 1992 B Bonds"), in a principal amount determined as provided herein, for the purpose of paying or reimbursing a portion of the costs of (i) the acquisition, construction, remodeling, improvement, installation, renovation and installation of facilities for use by University Hospitals, including a surgical intensive care unit, a neuropsychiatric facility, women and infant facilities, magnetic resonance imaging unit, elevator improvements, emergency department alterations and emergency power system improvements; (ii) the repair, improvement, remodeling, renovation and rehabilitation of University Residence and Dining Hall facilities; (iii) the acquisition, construction, installation and equipping of additional clinical medical research facilities located adjacent to Wiseman Hall; (iv) the acquisition, construction, installation and equipping of a plant growth research facility at Rightmire Hall; (v) the improvement of Cannon Drive; (vi) the renovation and remodeling of Rightmire Hall to provide laboratories for the University Biotechnology Program; (vii) the enlargement of the 12th Avenue Parking Garage and the construction thereon of Botany and Zoology facilities; (viii) the renovation of facilities at the Lab Animal Center for use in primate research; (ix) the remodeling and renovation of Bevis Hall to house a Transgenic Animal Facility to support biotechnology research; (x) the maintenance, improvement and repair of utilities, including central controls, a water purification system and storm and sanitary sewers; (xi) the acquisition and renovation of a facility for the construction of astronomical instruments; (xii) the renovation of Scott Hall to house the Byrd Polar Research Center and portions of the Geological Sciences; (xiii) the acquisition of land and a building located at 1275 Kinnear Road; (xiv) the acquisition of land for use by the Molly Caren Agricultural Center; (xv) the acquisition and installation of digital switching telecommunications equipment; (xvi) the renovation and remodeling of facilities to provide facilities for use in connection with the Honor's Program; (xvii) the development of intramural fields and acquisition and installation of additional bleachers for Ohio Stadium by the Department of Athletics; and (xviii) the renovation of a building located at 1000 Kinnear Road (collectively, the "1992 Project"), and paying costs and expenses associated with the issuance of the Series 1992 B Bonds, authorizing a Sixth Supplemental Trust Indenture to secure the payment of Bond Service Charges on the Series 1992 B Bonds and for related purposes.

WHEREAS pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code (the "Act"), as enacted under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, The Ohio State University (the "University"), a state university of the State of Ohio (the "State"), created and existing under Chapter 3335 of the Ohio Revised Code, is authorized and empowered, among other things, (a) to issue, as provided herein, Bonds (as defined in the Original Indenture (as hereinafter defined)) of the University to pay the costs of certain capital facilities defined as "auxiliary facilities" in the Act (and herein called "University Facilities") and to refund, fund or retire bonds and other obligations previously issued for such purpose; (b) to pledge to the payment of the Bonds all or a specified part of the gross amount of the General Receipts of the University (as defined in the Original Indenture) in priority to all other expenses, claims or payments; (c) to covenant, as herein provided, that the University will make, fix, adjust and collect the fees, rates, rentals, charges and other items comprising General Receipts to produce General Receipts sufficient at all times to meet Bond Service Charges (as defined in the Original Indenture) on the Bonds, to establish and to maintain the required reserves and meet other requirements herein provided; and (d) to provide for a trust indenture and make further provisions for securing the payment of the Bond Service Charges; and

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS the University, by resolution adopted by its Board of Trustees (the "Board") on November 1, 1985 (the "Series 1985 A Bond Resolution") and by a Trust Indenture dated as of November 15, 1985 (the "Original Indenture") between the University and The Huntington National Bank, as Trustee (the "Trustee"), has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution (as defined in the Original Indenture) adopted by the Board pursuant thereto and secured pursuant to the terms of a Supplemental Indenture (as defined in the Original Indenture) with respect to such issue (the Original Indenture and all Supplemental Indentures being referred to collectively herein as the "Indenture"); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution and the Original Indenture the \$27,680,000 The Ohio State University General Receipts Refunding Bonds, Series 1985 A, dated as of November 15, 1985 (the "Series 1985 A Bonds") (\$16,530,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to the Series 1985 A Bond Resolution, the resolution adopted by the Board on December 6, 1985 (the "Series 1985 B Bond Resolution"), the Original Indenture and the First Supplemental Trust Indenture, dated as of December 30, 1985 (the "First Supplemental Indenture"), between the University and the Trustee, as amended by the Amendment Agreement, dated as of December 1, 1986, between the University and the Trustee, as further amended by the First Supplemental Trust Indenture Amendment Agreement, dated as of March 1, 1988 between the University and the Trustee, the \$42,500,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1985 B, initially dated as of December 30, 1985 (the "Series 1985 B Bonds") (\$21,900,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on July 11, 1986 (the "Series 1986 A Bond Resolution"), the Series 1985 A Resolution, the Original Indenture and the Second Supplemental Trust Indenture, dated as of July 15, 1986 (the "Second Supplemental Indenture"), between the University and the Trustee, the \$45,000,000 The Ohio State University General Receipts Bonds, Series 1986 A, dated as of July 15, 1986 (the "Series 1986 A Bonds") (\$34,755,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by the Board on July 11, 1986 (the "Series 1986 B Bond Resolution"), the Series 1985 A Resolution the Original Indenture and the Amended Third Supplemental Trust Indenture, dated as of August 1, 1986 (the "Third Supplemental Indenture"), between the University and the Trustee, the \$45,000,000 The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1986 B, initially dated as of August 14, 1986 (the "Series 1986 B Bonds") (\$40,900,000 principal amount outstanding as of September 1, 1992); and

WHEREAS the University has heretofore issued pursuant to a resolution adopted by its Board of Trustees on April 6, 1990 (the "Series 1990 Bond Resolution"), the Series 1985 A Bond Resolution, the Original Indenture and the Fourth Supplemental Trust Indenture, dated as of April 1, 1990 (the "Fourth Supplemental Indenture"), between the University and the Trustee, the \$54,265,000 The Ohio State University General Receipts Bonds, Series 1990, dated as of April 1, 1990 (the "Series 1990 Bonds") (\$49,945,000 principal amount outstanding as of September 1, 1992); and

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS the University intends to issue pursuant to the resolution adopted by the Board on the date hereof (the "Series 1992 A Bond Resolution"), the Series 1985 A Resolution, the Original Indenture and the Fifth Supplemental Trust Indenture, dated as of September 1, 1992 (the "Fifth Supplemental Indenture"), between the University and the Trustee, The Ohio State University General Receipts Bonds, Series 1992 A1 in an amount not to exceed \$64,500,000 and The Ohio State University General Receipts Refunding Bonds, Series 1992 A2 (collectively, the "Series 1992 A Bonds"); and

WHEREAS the Board has determined that it is in the best interests of the University to authorize the issuance of The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1992 B (the "Series 1992 B Bonds") in the principal amount not to exceed \$31,000,000 for the purpose of paying or reimbursing a portion of the costs of the 1992 Project, paying certain Capitalized Interest and paying costs and expenses associated with the issuance of the Series 1992 B Bonds; and

WHEREAS the University desires to make provisions for the issuance of the Series 1992 B Bonds and for the payment of the Bond Service Charges thereon and the securing thereof by this Resolution and a Sixth Supplemental Trust Indenture (the "Sixth Supplemental Indenture") herein authorized.

NOW THEREFORE

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, as follows:

Section 1. Definitions and Interpretations. All words and terms defined in the Original Indenture and all interpretations therein provided shall have in this Resolution the same meanings, respectively, and be subject to the same interpretations as therein provided or used, unless the context or use clearly indicates another or different meaning or intent. Terms not appearing in the Original Indenture but used herein and not previously defined herein are defined as follows:

"Bond Proceedings" means the Series 1985 A Bond Resolution, the Original Indenture, any applicable Series Resolution, any applicable Supplemental Indenture, any applicable Certificate of Award and any other resolutions and agreements and amendments of and supplements to the foregoing, or any combination thereof, authorizing or providing for the terms and conditions applicable to, or providing for the security or sale of Bonds, and the terms contained in such Bonds.

"Book Entry System" means a system under which (i) a physical Series 1992 B Bond certificate in fully registered form is issued for each maturity of Series 1992 B Bonds only to a Depository or its nominee as registered owner, with the Series 1992 B Bonds held by and immobilized in the custody of the Depository; and (ii) a book entry record, maintained by and the responsibility of the Depository and not maintained by or the responsibility of the University or the Trustee, is the record that identifies, and records the transfer of the interests of, the owners of book entry interests in such Series 1992 B Bonds.

"Certificate of Award" means the Certificate of Award authorized pursuant to Section 3 of this Resolution.

"Contract of Purchase" means the Contract of Purchase between the Original Purchasers and the University, authorized pursuant to Section 3 hereof.

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"Converted Bond(s)" means a Series 1992 B Bond, the interest on which has been converted to a Fixed Interest Rate (as defined in the Sixth Supplemental Indenture) pursuant to Section 6(F) of the Sixth Supplemental Indenture.

"Depository" means any securities depository that is a clearing agency under federal law operating and maintaining, with its participants or otherwise, a Book Entry System to record ownership of book entry interests in obligations, and includes and means initially as to the Series 1992 B Bonds, The Depository Trust Company (a limited purpose trust company), New York, New York.

"Interest Payment Dates" means as to the Series 1992 B Bonds (i) during the effectiveness of a Weekly Rate Period, a Monthly Rate Period (as defined in the Sixth Supplemental Indenture), or a Quarterly Rate Period (as defined in the Sixth Supplemental Indenture), each March 1, June 1, September 1, and December 1 or, if such day is not a Business Day (as defined in the Sixth Supplemental Indenture), the next succeeding Business Day; (ii) during the effectiveness of a Semiannual Rate Period, an Annual Rate Period or a Fixed Rate Period (as such terms are defined in the Sixth Supplemental Indenture), each June 1 and December 1 or, if such day is not a Business Day, the next succeeding Business Day; (iii) during the effectiveness of any Money Market Rate, the first Business Day following each Rate Period; and (iv) if any or all Series 1992 B Bonds have been converted from bearing interest at a Money Market Rate or a Variable Rate to bearing interest at a Fixed Rate or Rates, the first day of each June 1 and December 1 to which interest at such rate or rates has accrued.

"Liquidity Facility" shall mean a bond purchase agreement, line of credit, revolving credit agreement or other liquidity agreement or formal undertaking, with a Liquidity Facility Issuer, pursuant to which under certain terms and conditions the Liquidity Facility Issuer agrees to purchase or provide moneys to the Tender Agent for the payment of the purchase price of tendered Bonds which cannot be remarketed, the delivery of which is disclosed by the Remarketing Agent, as certified by the Remarketing Agent to the University and the Trustee pursuant to the Sixth Supplemental Indenture, in the remarketing of all or part of the Series 1992 B Bonds as a source of funding for the payment of purchase price of the Series 1992 B Bonds tendered under the Sixth Supplemental Indenture.

"Liquidity Facility Issuer" shall mean the issuer of the Liquidity Facility if then in effect.

"Maximum Interest Rate" means twelve percentum (12%) per annum, or another maximum interest rate, if any, as provided in any Liquidity Facility.

"Money Market Mode" shall mean that Period during which the interest rate on the Series 1992 B Bonds is a Money Market Rate.

"Money Market Rate" shall mean, when used with respect to the Series 1992 B Bonds, the interest rate to be determined for each Bond pursuant to Section 6(E) of the Sixth Supplemental Indenture.

"Official Statement" means, as to the Series 1992 B Bonds, the Official Statement including, without limitation, the Preliminary Official Statement relating to the original issuance of the Series 1992 B Bonds, authorized pursuant to Section 3 hereof.

"Original Purchasers" means, as to the Series 1992 B Bonds, The Lehman Brothers Division of Shearson Lehman Brothers, Inc. and WR Lazard, Laidlaw & Mead, Inc.

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

"Paying Agent(s)" means, as to the Series 1992 B Bonds, the Trustee, or in the event that the Series 1992 B Bonds are in the Money Market Mode, an alternate Paying Agent designated by the University and located in New York, New York.

"Period" means Rate Period, as defined herein.

"1992 Project" means, collectively, (i) the acquisition, construction, remodeling, improvement, installation, renovation and installation of facilities for use by University Hospitals, including a surgical intensive care unit, a neuropsychiatric facility, women and infant facilities, magnetic resonance imaging unit, elevator improvements, emergency department alterations and emergency power system improvements; (ii) the repair, improvement, remodeling, renovation and rehabilitation of University Residence and Dining Hall facilities; (iii) the acquisition, construction, installation and equipping of additional clinical medical research facilities located adjacent to Wiseman Hall; (iv) the acquisition, construction, installation and equipping of a plant growth research facility at Rightmire Hall; (v) the improvement of Cannon Drive; (vi) the renovation and remodeling of Rightmire Hall to provide laboratories for the University Biotechnology Program; (vii) the enlargement of the 12th Avenue Parking Garage and the construction thereon of Botany and Zoology facilities; (viii) the renovation of facilities at the Lab Animal Center for use in primate research; (ix) the remodeling and renovation of Bevis Hall to house a Transgenic Animal Facility to support biotechnology research; (x) the maintenance, improvement and repair of utilities, including central controls, a water purification system and storm and sanitary sewers; (xi) the acquisition and renovation of a facility for the construction of astronomical instruments; (xii) the renovation of Scott Hall to house the Byrd Polar Research Center and portions of the Geological Sciences; (xiii) the acquisition of land and a building located at 1275 Kinnear Road; (xiv) the acquisition of land for use by the Molly Caren Agricultural Center; (xv) the acquisition and installation of digital switching telecommunications equipment; (xvi) the renovation and remodeling of facilities to provide facilities for use in connection with the Honor's Program; (xvii) the development of intramural fields and acquisition and installation of additional bleachers for Ohio Stadium by the Department of Athletics; and (xviii) the renovation of a building located at 1000 Kinnear Road, each of (i) through (xviii) constituting a Component, as defined in the Series 1992 A Bond Resolution.

"1992 Project Fund" means the 1992 Project Fund held by the University and created in Section 5 of the Series 1992 A Bond Resolution to be funded in part with the proceeds of the Series 1992 A Bonds.

"Rate Determination Date" shall mean, with respect to any Bond subject to the Money Market Mode, the Business Day on which the Money Market Rate shall be determined, which shall be the first day of such Rate Period.

"Rate Period" shall mean, when used with respect to any particular rate of interest (whether a Money Market Rate, Weekly Variable Rate, Monthly Variable Rate, Quarterly Variable Rate, Semiannual Rate or Annual Rate), the period during which such rate of interest determined for the Series 1992 B Bonds will remain in effect pursuant to Section 6 of the Sixth Supplemental Indenture.

"Remarketing Agent" means initially, The Lehman Brothers Division of Shearson Lehman Brothers, Inc., and any Person (as defined in the Original Indenture) meeting the qualifications of, and designated from time to time to act as Remarketing Agent under Section 7(H) of the Sixth Supplemental Indenture.

September 2, 1992 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

"Remarketing Agreement" means the Remarketing Agreement, dated as of October 1, 1992, provided for in Section 7 of this Resolution, to be entered into between the University and the Remarketing Agent, as the agreement may be amended, modified or supplemented.

"Series 1992 B Bond Resolution" or "this Resolution" as used herein, means this Resolution and the Certificate of Award, as the same may be amended from time to time.

"Tender Agent" means The Huntington National Bank, or any Person meeting the qualifications of, and designated from time to time to act as Tender Agent under, Section 7(K) of the Sixth Supplemental Indenture.

"Trustee" means The Huntington National Bank, and any successor Trustee as determined or designated under or pursuant to the Original Indenture.

"Variable Rate" means, as the context requires, the Weekly Variable Rate, the Monthly Variable Rate, the Quarterly Variable Rate, the Semiannual Rate or the Annual Rate.

Any reference herein to the University, the Board, or to any members or officers thereof or to other public boards, commissions, departments, institutions, agencies, bodies, entities or officers, shall include those which succeed to their functions, duties or responsibilities pursuant to or by operation of law or who are lawfully performing their functions. Any reference to a section or provision of the Ohio Revised Code or to the laws of Ohio shall include such section or provision and such laws as from time to time amended, modified, revised, supplemented, or superseded, provided that no such amendment, modification, revision, supplementation, or supersession shall alter the obligation to pay the Bond Service Charges in the amount and manner, at the times, and from the sources provided in the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Sixth Supplemental Indenture, except as otherwise herein permitted.

Unless the context shall otherwise indicate, words importing the singular number shall include the plural number, and vice versa, and the terms "hereof," "herein," "hereby," "hereto," "hereunder," and similar terms, mean this Resolution.

Section 2. Authorization; Terms; Pledge; and Covenant.

(a) Authorization. The Bonds, to be designated and known as The Ohio State University Variable Rate Demand General Receipts Bonds, Series 1992 B, shall be issued pursuant to and as authorized by the Act, Section 2i of Article VIII of the Ohio Constitution, the Series 1985 A Bond Resolution, this Resolution, the Original Indenture and the Sixth Supplemental Indenture for the purposes of financing a portion of the costs of the University Facilities comprising the 1992 Project, paying certain Capitalized Interest and paying costs and expenses incidental to the issuance of the Series 1992 B Bonds.

(b) Form and Numbering. The Series 1992 B Bonds shall be issued only as fully registered Bonds. The Series 1992 B Bonds shall be numbered as determined by the Trustee.

(c) Denominations and Dates. Initially, the Series 1992 B Bonds shall be in denominations of \$50,000 and integral multiples thereof and shall be dated as of the date of their first authentication and delivery. Series 1992 B Bonds subsequently issued in exchange for Series 1992 B Bonds surrendered for transfer or exchange shall be dated as of the Interest Payment Date to which interest has been paid in full or duly provided for. Converted Bonds shall be in denominations of \$5,000 and any integral multiple thereof.

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

(d) Principal Amount. The Series 1992 B Bonds shall be issued in the principal amount specified in the Certificate of Award, which amount shall not exceed \$31,000,000.

(e) Delivery and Execution. The Treasurer is hereby authorized to make the necessary arrangements with the Original Purchasers to establish the date, location, procedures and conditions for the delivery of the Series 1992 B Bonds to the Original Purchasers and to take all steps as necessary to effect due execution, authentication and delivery of the Series 1992 B Bonds to the Original Purchasers under the terms of this Resolution. The Series 1992 B Bonds shall be signed by the Chairman of the Board (the "Chairman") and the Treasurer in their official capacities (provided that both of the signatures may be facsimiles) and shall bear the corporate seal of the University or a facsimile thereof.

(f) Interest. The Series 1992 B Bonds shall bear interest at a variable rate determined on a weekly, monthly, quarterly, semiannual, annual or multi-annual basis, or pursuant to the Money Market Mode, the period of recalculation to be selected by the University and the method of calculation to be performed by the Remarketing Agent as provided in Section 6 of the Sixth Supplemental Indenture. The University may also, as provided in Section 6(F) of the Sixth Supplemental Indenture, convert the interest rate on all or a portion of the Series 1992 B Bonds to Fixed Interest Rates. The interest rate on the Series 1992 B Bonds shall at no time exceed the Maximum Interest Rate. Interest shall be payable on each Interest Payment Date.

(g) Optional Tender. From time to time as provided in Section 7 of the Sixth Supplemental Indenture, holders of the Series 1992 B Bonds (other than Converted Bonds) may request, in accordance with the provisions of Section 7(A) of the Sixth Supplemental Indenture, that the Tender Agent purchase such Series 1992 B Bonds at a purchase price equal to one hundred percent (100%) of the principal amount of such Series 1992 B Bonds to be purchased plus accrued interest.

(h) Maturities. The Series 1992 B Bonds (other than Converted Bonds) shall mature not later than December 1, 2017, unless they have been redeemed prior to such date by mandatory redemption, as provided in Section 8(C) of the Sixth Supplemental Indenture, or otherwise. The Converted Bonds shall mature on the dates determined as provided in Section 6(F) of the Sixth Supplemental Indenture. The Series 1992 B Bonds (other than Converted Bonds) shall mature and be subject to mandatory sinking fund redemption as provided in the Certificate of Award. Nothing in the preceding sentences shall be deemed to in any case extend the maturity of any Series 1992 B Bond.

(i) Redemption. Certain maturities of the Series 1992 B Bonds are subject to redemption at the option of the University prior to stated maturity, in whole or in part, in accordance with the terms, conditions, redemption prices and on the dates set forth in Section 8 of the Sixth Supplemental Indenture. Notice of call for and other terms and provisions governing redemption of such Series 1992 B Bonds shall be given in the manner provided in the Indenture and the Sixth Supplemental Indenture.

(j) Mandatory Purchase. Certain of the Series 1992 B Bonds shall be subject to mandatory purchase, as designated by and in accordance with the provisions of Section 8(C) of the Sixth Supplemental Indenture. The Series 1992 B Bonds subject to mandatory purchase shall be purchased at a purchase price equal to the principal amount of the Series 1992 B Bonds to be so purchased plus accrued interest.

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

(k) Appointment of Remarketing Agent. The Board hereby appoints The Lehman Brothers Division of Shearson Lehman Brothers, Inc. as the initial Remarketing Agent under the Sixth Supplemental Indenture.

(l) Appointment of Tender Agent. The Board hereby appoints The Huntington National Bank as the initial Tender Agent under the Sixth Supplemental Indenture.

(m) Security. As provided in the Indenture as supplemented by the Sixth Supplemental Indenture, there is hereby pledged to the security of the Series 1992 B Bonds, (i) the gross amount of General Receipts of the University (subject to the provisions for the partial release of a pledge of General Receipts contained in Section 4.11 of the Original Indenture) and (ii) the monies contained in the Special Funds, but excluding the Bond Reserve Fund. Anything else to the contrary in the Indenture, the Series 1985 A Bond Resolution, the Sixth Supplemental Indenture or this Resolution notwithstanding, the Series 1992 B Bonds shall not have access to, any claim upon or be secured by, the Bond Reserve Fund or the 1992 Project Fund. This pledge of General Receipts shall be on parity with expenses, claims and payments relating to other Parity Obligations (as defined in the Original Indenture) and in priority to all other expenses, claims and payments of the University. In accordance with the Act, all the General Receipts or portions thereof are immediately subject to the lien of the pledge upon receipt thereof by the University.

For the further security of the Series 1992 B Bonds, and any Additional Bonds (as defined in the Original Indenture), the University hereby covenants with the bondholders and the Trustee that so long as any Series 1992 B Bonds or Additional Bonds are outstanding, the University shall fix, make, adjust and collect fees, rates, rentals, charges, and other items of General Receipts, as will produce at all times General Receipts sufficient (i) to pay Bond Service Charges when due, (ii) together with other monies lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings, and (iii) together with other monies lawfully available therefor, to pay all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University.

(n) Payment, Places of Payment and Paying Agents. The principal of and the redemption premium on the Series 1992 B Bonds when due shall be payable to the registered holders, upon presentation and surrender thereof at the principal corporate trust office of the Trustee and the Tender Agent, respectively. Interest shall be payable by check or draft mailed by the Trustee as provided in the Original Indenture; provided, however, that interest on Series 1992 B Bonds aggregating \$1,000,000 or more in principal amount registered in the name of a single holder shall be paid by wire transfer in immediately available funds to such account, if any, as such holder directs in writing to the Trustee at least ten (10) days prior to any Interest Payment Date, such payment by wire transfer pursuant to that direction continuing in effect as to subsequent Interest Payment Dates until such time as the holder notifies the Trustee to the contrary or until such time as such holder ceases to be a holder of the requisite principal amount of Series 1992 B Bonds. Interest on Series 1992 B Bonds held by any Liquidity Facility Issuer or its designee pursuant to the Liquidity Facility shall be paid (at the) by wire transfer on each Interest Payment Date unless the Liquidity Facility Issuer notifies the Trustee of a different mutually acceptable method.

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

(o) Book Entry. Subject to the provisions of the immediately following paragraph, the Series 1992 B Bonds shall be issued only to a Depository for holding in a Book Entry System. Those Series 1992 B Bonds shall be registered in the name of the Depository or its nominee, as registered owner, and immobilized in the custody of the Depository; and shall not be transferable or exchangeable, except for transfer to another Depository or to another nominee of a Depository, without further action by the University. Each maturity of the Series 1992 B Bonds shall be evidenced by a single certificate in the aggregate principal amount of the Series 1992 B Bonds maturing on such maturity date.

If any Depository determines not to continue to act as a Depository for the Series 1992 B Bonds for holding in a Book Entry System, the University may attempt to have established a securities depository/Book Entry System relationship with another qualified Depository. If the University does not or is unable to do so, the University, after making provision for notification of the owners of book entry interests by appropriate notice to the then Depository and any other arrangements it deems necessary, shall permit the withdrawal of the Series 1992 B Bonds from the Depository, and authenticate and deliver the Series 1992 B Bond certificates, in fully registered form to the assigns of the Depository or its nominee (if such Bond was held by a nominee), all at the cost and expense (including costs of printing or otherwise preparing and delivering replacement Series 1992 B Bonds) of the Bondholders. Series 1992 B Bond certificates authenticated and delivered pursuant to this paragraph shall be in the denomination of \$5,000 or any integral multiple thereof.

Section 3. Contract of Purchase; Certificate of Award; Official Statement. The Series 1992 B Bonds are sold and awarded to the Original Purchasers in accordance with the Contract of Purchase at the purchase price provided in the Certificate of Award. The form of Contract of Purchase now on file with the Secretary of the Board is hereby approved, together with any changes therein and completions thereof which are not inconsistent with this Resolution and not substantially adverse to the University, and as are permitted by the Act and approved on behalf of the University by the Chairman or the Treasurer. The approval on behalf of the University of those changes and completions by the Chairman or the Treasurer, and the status of those changes as not substantially adverse to the University, shall be conclusively evidenced by the execution of the Contract of Purchase on behalf of the University by the Chairman or the Treasurer. It is determined hereby that the purchase price and the manner of sale and the terms of the Series 1992 B Bonds, as provided in this Resolution, are consistent with all legal requirements and will carry out the public purposes of the Act.

The sale and award of the Series 1992 B Bonds shall be further evidenced by the Certificate of Award. The Certificate of Award is hereby authorized and shall be executed by the Chairman or the Treasurer. The Certificate of Award shall, as to the Series 1992 B Bonds, state or confirm the aggregate principal amount, the purchase price of such Bonds, the initial interest rate or rates of such Bonds, the amount of Capitalized Interest, if any, with respect to such Bonds, the mandatory sinking fund requirements and the optional redemption provisions with respect to such Bonds, all as determined in accordance with the provisions of this Resolution, the Sixth Supplemental Indenture and the Contract of Purchase, all of which shall be conclusively evidenced by the execution of the Certificate of Award. The Certificate of Award shall also contain such other data or provisions as the Chairman or the Treasurer determines are appropriate or necessary, and as are consistent with the Series 1992 A Bond Resolution, this Resolution, the Original Indenture, the Sixth Supplemental Indenture and the Contract of Purchase.

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
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The use and distribution of the Preliminary Official Statement relating to the Series 1992 B Bonds by the Original Purchasers is hereby approved and authorized. The Preliminary Official Statement is deemed final by the University for purposes of Securities Exchange Commission Rule 15c2-12 except for such omissions therefrom as may be permitted by such Rule. The final Official Statement, substantially in the form of the Preliminary Official Statement now on file with the Board, shall be executed by the Chairman or the Treasurer in his official capacity on behalf of the University with any modifications, changes or supplements necessary or desirable for the purposes thereof which the Chairman or the Treasurer shall approve. The Board has not confirmed, and assumes no responsibility for, the accuracy, sufficiency or fairness of any statements in the Preliminary Official Statement or the final Official Statement under the caption "UNDERWRITING."

Section 4. Allocation of Proceeds. The proceeds from the sale of the Series 1992 B Bonds, including any accrued interest, shall be allocated, deposited and applied as follows:

(i) To the Bond Fund, accrued interest, if any, received on the sale of the Series 1992 B Bonds; and

(ii) To the 1992 Project Fund, created pursuant to Section 5 of the Series 1992 A Bond Resolution, the entire remaining amount of the proceeds of the Series 1992 B Bonds, to be applied to the purposes of that Fund, including transfers from that Fund authorized by the Act and to pay costs and expenses associated with the issuance of the Series 1992 B Bonds.

Section 5. 1992 Project Fund. There has previously been created by the University pursuant to Section 5 of the Series 1992 A Bond Resolution a fund to be maintained in the custody of the Treasurer and designated the "1992 Project Fund." The 1992 Project Fund shall be funded in part from the proceeds of the sale of the Series 1992 B Bonds. Such proceeds shall be used for the payment or reimbursement of a portion of the costs and expenses relating to the 1992 Project, and costs and expenses associated with the issuance of the Series 1992 B Bonds. The 1992 Project Fund shall not constitute a Special Fund and shall not be pledged to the payment of Bond Service Charges.

Moneys held in the 1992 Project Fund, including all investment earnings thereon, pending disbursement from the 1992 Project Fund shall be invested in Authorized Investments specified in Section VIII of the Non-Endowment Investments Policy of the University attached hereto as Exhibit A, as the same may be amended from time to time. If the proceeds of the Series 1992 B Bonds remain unspent upon the issuance of any Additional Bonds to fund costs of the 1992 Project, the University shall establish separate accounts and subaccounts, for accounting purposes, for the deposit of the proceeds of such Additional Bonds in accordance with the provisions of this Section 5 and Section 5 of the Series 1992 A Bond Resolution.

The Treasurer shall maintain such books and records with respect to disbursements from the 1992 Project Fund so as to enable the Treasurer to determine the name of any payee of any such disbursement, the date on which such disbursement occurred, the amount of such disbursement and the purpose for which such disbursement was made. Investment earnings on the funds on deposit in the 1992 Project Fund may, at the discretion of the University, be paid to the Trustee for deposit in the Bond Service Account in the Bond Fund to be used to pay Bond Service Charges on the Series B Bonds.

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

Upon the determination by the Treasurer that the costs incurred in connection with any item listed in Section 1 hereof in the definition of 1992 Project (each a "Component") to be paid from the 1992 Project Fund have been paid in full or provision for such payment has been made, the University may use any remaining moneys on deposit in the 1992 Project Fund with respect to such Component to fund the costs of other Components or to fund the costs of additional projects constituting University Facilities (each, an "Additional Project"). Monies remaining on deposit in the 1992 Project Fund after the completion of the 1992 Project and any Additional Projects shall be used by the University in any manner which, in the opinion of Bond Counsel, shall be permissible under the Act and the Code.

Section 6. Application of Bond Proceeds. The University covenants that the use of the proceeds of the Series 1992 B Bonds will be restricted in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of delivery of and payment for the Series 1992 B Bonds, so that the Series 1992 B Bonds will not constitute "arbitrage bonds" under Sections 103(c) and 148 of the Code. The Treasurer of the University, or any other officer having responsibility with respect to the issuance of the Series 1992 B Bonds, alone or in conjunction with any other officer or employee of or consultant to the University, will give an appropriate certificate of the University for inclusion in the transcript of proceedings for the Series 1992 B Bonds setting forth the reasonable expectations of the University regarding the amount and use of those proceeds and the facts and estimates on which they are based, all as of the date of original delivery of and payment for the Series 1992 B Bonds.

The University further covenants that it will take all actions required to maintain the exclusion from gross income for purposes of federal income taxation of interest on the Series 1992 B Bonds and will not take or permit to be taken, any actions which would adversely affect such exclusion under the provisions of the Code that apply to the Series 1992 Bonds; and the Chairman or the Treasurer and other appropriate officers are hereby authorized to take such actions and give such certifications as may be appropriate to assure such exclusion from gross income of interest on the Series 1992 B Bonds.

Section 7. Further Covenants. In addition to the covenants elsewhere contained herein, the University further covenants as provided in Section 13 of the Series 1985 A Bond Resolution, which covenants are incorporated herein as if fully set forth herein.

Section 8. Sixth Supplemental Indenture, Remarketing Agreement and Other Documents. In order to better secure the payment of the Bond Service Charges as the same shall become due and payable, the Chairman, the President of the University, the Secretary of the Board and the Treasurer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee and the Remarketing Agent, in the name and on behalf of the University and pursuant to the Indenture, the Sixth Supplemental Indenture and the Remarketing Agreement, respectively, each in substantially the form submitted to this Board, or to such officers on behalf of this Board and the University, and such documents are hereby approved, with such changes therein as are not substantially adverse to the University and as may be permitted by the Act and approved by the officers executing the same on behalf of the University. The Sixth Supplemental Indenture shall also include the form of the Series 1992 B Bonds (the "Form of Bond"), attached thereto as Exhibit A. The execution of such documents by any of the officers shall conclusively evidence that the officers and the Board approve such changes and that such changes are not substantially adverse to the University. Each of such officers is further authorized to execute and deliver on behalf of the University such other certificates, documents and instruments as are necessary in connection with the acts authorized by this Resolution.

**AUTHORIZATION, ISSUANCE AND SALE OF
VARIABLE RATE DEMAND GENERAL RECEIPTS BONDS,
SERIES 1992 B, OF THE OHIO STATE UNIVERSITY (contd)**

Section 9. Construction Bonds; Penalty in Lieu of Rebate.

(a) Construction Bonds. The University hereby determines and represents that at least seventy-five percent (75%) of the available construction proceeds (within the meaning of Section 148(f)(4)(C)(iv) of the Code) of the Series 1992 B Bonds are to be used for construction expenditures with respect to property which is to be owned by a governmental unit in accordance with the provisions of Section 148(f)(4)(C) of the Code.

(b) Election of Penalty in Lieu of Rebate. The University hereby elects the application of Section 148(f)(4)(C)(vii) of the Code which provides for the payment of a penalty in lieu of any rebate payments which would otherwise be due in connection with the investment of the proceeds of the Series 1992 B Bonds. The Chairman or the Treasurer are each authorized to execute an instrument (the "election document") that is required by the Code to evidence the election herein described. The election document shall be retained by the University until the expiration of six years following the redemption, refunding or maturity of the last Bond of the Series 1992 B Bonds to be retired.

Section 10. Open Meeting Determination. It is found and determined that all formal actions of the Board concerning and relating to the adoption of this Resolution were adopted in an open meeting of the Board, and that all deliberations of the Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Section 11. Effective Date. This Resolution shall take effect and be in force immediately upon its adoption.

Upon motion of Mr. Shumate, seconded by Mr. Barone, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S ENDOWMENT FUND

Resolution No. 93-30

RESOLVED, That the report on the University's Endowment Fund, dated August 21, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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**REPORT - UNIVERSITY'S ENDOWMENT FUND
QUARTERLY REPORTS**

Resolution No. 93-31

RESOLVED, That the report on the University's Endowment Fund Quarterly Reports, dated June 30, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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September 2, 1992 meeting, Board of Trustees

REPORT - UNIVERSITY'S CASH AND INVESTMENTS

Resolution No. 93-32

RESOLVED, That the report on the University's Cash and Investments, dated June 30, 1992, as submitted to the Investments Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, October 2, 1992, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio.

Attest:

Madison H. Scott
Secretary

John J. Barone
Chairman